PB87-220596

BACT/LAER (Best Available Control Technology Lowest Achievable Emission Rate) Clearinghouse: A Compilation of Control Technology Determinations. Second Supplement to 1985 Edition. Summary Tables and Appendices A-H

PEI Associates, Inc., Cincinnati, OH

Prepared for

Environmental Protection Agency
Research Triangle Park, NC

Jun 87

U.S. Department of Commerce
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NTIS

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16. ABSTRACT
This report explains the history of the BACT/LAER Clearinghouse, the background of the report format development, and acknowledges the continued support and effort of STAPPA and ALAPCO members.

This report contains three summary tables consisting of: a list of new control technology determinations received since May 1986, a list of all control technology determinations that have been submitted, and a list of control technology determinations for external combustion sources (boilers). A detailed listing of source type codes and abbreviations for process and emission limits are also shown.

This report contains the detailed source listings for the determinations submitted in source type code 1.0 through source type code 12.0. The detailed source listing normally contains the following information: source type and size; company name and location; whether determination was BACT or LAER for new or modified source; the person, agency and phone number that made the determination; permit issue date; estimated date of start-up; processes subject to this permit; through-put capacity; pollutant(s) emitted; emission limits; control equipment or process modification; a section for notes; and review status dates.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS		b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Air Pollution	Nitrogen Oxides	Air Pollution Control	
Industrial Processes	Scrubbers	Stationary Sources	
Combustion Sources	Baghouses	BACT	
Control Equipment	Electrostatic Precipitators	LAER	
Coal		Sulfur Dioxide	
Oil		Particulate	
Bark		VOC	

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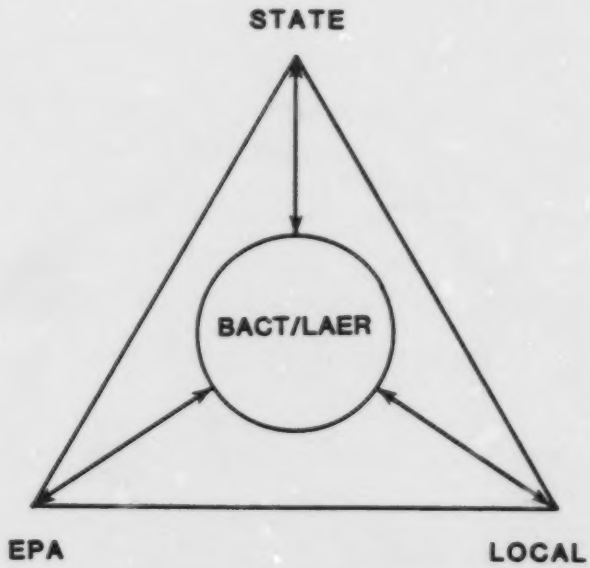
BACT/LAER CLEARINGHOUSE—

A COMPILATION OF CONTROL TECHNOLOGY DETERMINATIONS

Second Supplement to 1985 Edition

Summary Tables and Appendices A-H



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and State and Local Air Pollution Control Agencies

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BACT/LAER CLEARINGHOUSE

Prepared by

Emission Standards and Engineering Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
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RESEARCH TRIANGLE PARK, NORTH CAROLINA 27711

June 1987

DISCLAIMER

This report was prepared by PEI Associates, Inc., Cincinnati, Ohio, under Contract No. 68-02-3890, Work Assignment No. 64. It has been reviewed by the Emission Standards and Engineering Division of the Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the U.S. Environmental Protection Agency. Mention of trade names or commercial products is not intended to constitute endorsement or recommendation for use. Copies of this report are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

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The computerized information listings contained in this report were prepared for the BACT/LAER Clearinghouse by PEI Associates, Inc., Cincinnati, Ohio. Mr. Jack Wunderle served as the Project Director, and Mr. David Dunbar was the Project Manager. The other PEI participants in this effort were Mr. Roy Paul and Mr. Joseph Steigerwald. Ms. Candace Sorrell was the EPA Project Officer.

The project would not have been possible without the excellent cooperation of the many State and local air pollution control agencies and EPA Regional Offices who submitted the necessary technical information.

Special thanks are given to Mr. William Becker, Executive Secretary for STAPPA and ALAPCO, Mr. John Paul from the Regional Air Pollution Control Agency in Dayton, Ohio, representing ALAPCO, and other State, local and EPA Regional Office representatives that have provided recommendations, guidance, and overall support for the BACT/LAER Clearinghouse effort over the past several years.

The Clearinghouse would like to recognize Mr. Gary Rust for his valuable contribution to this project since its inception. Mr. Rust was responsible for managing the Clearinghouse and providing special assistance to State and local agencies. His efforts have made it possible for the Clearinghouse to grow and to develop into a useful and effective tool for conducting permit reviews.

INTRODUCTION

BACKGROUND

The Clean Air Act as amended in 1977 prescribes several technology-based limitations affecting new or modified air pollution sources: 1) new source performance standards (NSPS); 2) best available control technology (BACT); and 3) lowest achievable emission rate (LAER). New Source Performance Standards are uniform national emission standards set by EPA for specific categories of new or modified stationary sources. In addition to meeting NSPS, new or modified sources also must install either BACT or LAER, both of which are determined on a case-by-case basis. In all cases, BACT or LAER must be at least as stringent as any applicable NSPS. The BACT requirement, which is a part of the Prevention of Significant Deterioration program (Sections 165 and 169 of the Clean Air Act), applies to emissions in areas that are in attainment with National Ambient Air Quality Standards (NAAQS). The LAER requirement, which is a part of the Nonattainment Program (Sections 171 and 172 of the Clean Air Act), applies to emissions that affect areas that are not in compliance with the NAAQS. While the specific criteria governing a BACT, LAER, or NSPS emission limit vary, the general underlying approach for all such determinations is to require "best control" on all major new or modified sources. More State and local air pollution control agencies have assumed the responsibility for implementing BACT and LAER. As this authority is decentralized from the Federal government, it is important that information be made available to control agencies to assist them in making control technology determinations in a nationally consistent manner.

The basic purposes of the BACT/LAER Clearinghouse are to: 1) provide State and local air pollution control agencies with current information on case-by-case control technology determinations that are made nationwide and 2) promote communication, cooperation, and sharing of control technology information among the permitting agencies. The information presented in this

compilation was abstracted from preconstruction permits and submitted voluntarily by the State and local air pollution control agencies. The Clearinghouse is intended as a reference for State and local agencies in making BACT/LAER decisions.

This report is a supplement to previous Clearinghouse compilations issued in May 1982, April 1983, May 1984, May 1985, and May 1986. This edition, like the May 1986 edition, is different from the first four editions in that it contains the detailed information only for the new permits that have been entered into the Clearinghouse since May 1986. Therefore, in order to have a complete listing of all determinations currently contained in the Clearinghouse, the user must retain Volume II of the 1985 edition and all succeeding annual supplements. At approximately 5-year intervals, a new master edition containing all the information in the Clearinghouse will be published. At that time, all previous editions can be discarded and the cycle of annual supplements similar to the 1986 and 1987 edition will begin again. It should be noted that it is not necessary to retain a copy of Volume I from the 1985 edition as the 1986 supplement contains the same basic material as Volume I from the 1985 edition with the appropriate information updated to consider the determinations submitted since May 1986. This along with other changes in the annual compilation that are described in the following pages were made because of the increased size of the document, which made it difficult to use in some cases.

Because of the concern over the size of the annual published compilation, a committee of representatives of STAPPA, ALAPCO, CAPCOA, and EPA was formed in December 1984 to review and evaluate methods to reduce the size of the compilation and improve its overall usefulness. Several options were reviewed and a decision was made by the committee to produce annual supplements beginning with 1986 edition. The supplements would contain detailed information only for those permits that were entered into the Clearinghouse since the last published report, but would include a comprehensive index of all permits in the system.

This edition contains 131 new BACT and LAER determinations that add 2 additional source categories to the Clearinghouse. This brings the total number of determinations contained in the Clearinghouse to 1311, which covers 117 different source categories. Determinations have been submitted from

48 States and 2 territories. The control technology information contained herein reflects determinations contained in permits received through May 9, 1987. Figure 1 summarizes the control technology determinations received since the publication of the May 1986 report. This listing contains the source type code, the name of the company, and the identification number. The listing is provided to aid State and local agency personnel and other users in quickly identifying the new information available since the 1986 published edition of the Clearinghouse.

REPORT FORMAT

This BACT/LAER report was prepared to provide basic control technology information as well as to facilitate "quick scans" of source category information. It consists of three major parts presented in Appendices A, C, and G:

- Table 1 (Appendix A), which is a summary listing of determinations, basic Agency contact information, and an index reference for additional information.
- Table 2A (Appendix C), which is a summary listing of the emission limits and other information by source type code or source category where an external combustion process (boiler) has been permitted.
- Appendix G, which is a detailed listing of all individual source information.

A brief description of each table follows.

Table 1 - Index of Control Technology Determinations

Table 1 summarizes all the BACT/LAER determinations in the Clearinghouse and lists the contact person most knowledgeable about the decision. Figure 2 is an example of the Table 1 summary. Table 1 also includes the State where each source is located, the date the permit was issued, the agency issuing the permit, name of person to contact within the agency for additional information, a telephone number, and an index (source type code) for locating the more detailed source information contained in Appendix G. A complete listing of all source category codes is contained in Appendix D. The user should familiarize himself/herself with this listing in order to use Table 1 and Appendix G effectively. It should be noted that Table 1 has been revised to include the year of the supplement where the detailed information on the

NEW CONTROL TECHNOLOGY DETERMINATIONS SINCE MAY, 1986.

SOURCE TYPE	COMPANY NAME	ID NUMBER
1.1	BMCP	CA-0153
1.1	COGENTRIX CAROLINA LEASING CORP.	NC-0037
1.1	COGENTRIX CAROLINA LEASING CORP.	NC-0039
1.1	COGENTRIX OF VIRGINIA, INC.	VA-0034
1.1	GWF POWER SYSTEMS CO.	CA-0180
1.1	MOUNT POSO COGENRATION CO.	CA-0178
1.1	PYROPOWER CORP.	CA-0165
1.1	RIO BRAVO REFINING CO.	CA-0092A
1.1	RIO BRAVO REFINING CO.	CA-0092B
1.1	TENNESSEE VALLEY AUTHORITY	KY-0007A
1.1	TENNESSEE VALLEY AUTHORITY	KY-0007B
1.1	TULTEX CORP.	VA-0044
1.1	UNION CAMP	VA-0033
1.2	GEORIGA-PACIFIC CORP.	OH-0094
1.2	GMC-CPC HAMILTON-FAIRFIELD	OH-0088
1.3	NAVAL STATION TREASURE ISLAND	CA-0193
1.3	OLS ENERGY	CA-0150A
1.3	REYNOLDS METALS CO.	VA-0046
1.3	U.S. GOVERNMENT	CA-0195
1.4	AUBERRY ENERGY, INC.	CA-0172
1.4	BURLINGTON INDUSTRIES	GA-0020
1.4	ERATH VENEER CORP. OF VA	VA-0043
1.4	FAIRHAVEN POWER CO.	CA-0188
1.4	ULTRAPOWER - PLACER, INC.	CA-0194
1.5	S.D. WARREN CO.	MI-0044
1.6	COGENTRIX VIRGINIA LEASING CORP.	VA-0048
1.6	PACIFIC GAS & ELECTRIC CO.	CA-0181
2.1	AMERICAN REF-FUEL OF ESSEX COUNTY	NJ-0007
2.1	CITY OF LONG BEACH	CA-0183
2.1	ENERCAN RESOURCES, INC.	CA-0184
2.1	I-95 ENERGY/RESOURCE RECOVERY FACILITY	VA-0055
2.1	NORTH COUNTY RESOURCE RECOVERY ASSOC.	CA-0132A
2.1	OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	IN-0026
2.1	OGDEN MARTIN SYSTEMS OF TULSA, INC.	OK-0021
2.1	STANISLAUS WASTE ENERGY CO.	CA-0185
2.2	MILL CREEK TREATMENT PLANT - MSD	OH-0087

Reproduced from best available copy.

Figure 1. Control technology determinations received since May 1986. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
2.3	MERCER VAULT CO.	VA-0049
3.1	CALIFORNIA DEPT. OF CORRECTIONS	CA-0187
3.1	CITY OF SANTA CLARA	CA-0192
3.1	COMBINED ENERGY RESOURCES	CA-0179
3.1	DOUBLE 'C' LIMITED	CA-0163
3.1	KERN FRONT LIMITED	CA-0164
3.1	MIDWAY - SUNSET PROJECT	CA-0177
3.1	O'BRIEN ENERGY SYSTEMS/MERCHANTS REFIRGERATI*	CA-0189
3.1	PG & E, STATION T	CA-0162
3.1	SIERRA LTD.	CA-0159
3.1	SYCAMORE COGENERATION CO.	CA-0196
3.1	U.S. BORAX & CHEMICAL CORP.	CA-0186
3.1	WESTERN POWER SYSTEM, INC.	CA-0167
3.3	CAROLINA COGENERATION CO., INC.	NC-0038
3.3	CITY OF VENTURA WASTEWATER TREATMENT PLANT	CA-0190
3.3	POPPY RIDGE PARTNERS	CA-0175
3.3	SF SOUTHEAST TREATMENT PLANT	CA-0171
3.3	STATE OF UTAH NATURAL RESOURCES	UT-0033
3.3	TRICOUNTY SUN ENERGY SHERATON HOTEL	CA-0191
4.3	DIAMOND-STAR MOTORS	IL-0030
4.7	AAR BROOKS & PERKINS	MI-0047
4.7	GENERAL MOTORS CORP.	MI-0045
4.12	ALCO GRAVURE	IL-0031
4.12	DIMAGRAPHICS	OH-0090
4.12	GRAVURE PACKAGING, INC.	VA-0039
4.12	J.H. FERGUSSON & SONS, INC.	VA-0060
4.12	MANVILLE FOREST PRODUCTS CORP.	CA-0117A
4.12	MULTI-COLOR CORP.	OH-0089
4.12	R.R. DONNELLEY & SONS CO.	NV-0011
4.12	STANDARD PUBLISHING	OH-0091
4.12	THE PRESS OF OHIO, INC.	OH-0084
4.12	THE SPECIALTY PAPERS CO.	OH-0016B
4.12	UNITED COLOR PRESS	OH-0061A
4.12	VIRGINIA GRAVURE, INC.	VA-0037
4.12	WILLIAMSBURG PACKAGING	VA-0038
4.14	HENRY LINK CORP.	NC-0040
4.14	STOW & DAVIS FURNITURE CO.	MI-0043

Figure 1. Control technology determinations received since May 1986. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
4.15	C & F STAMPING CO.,INC.	KY-0047
4.15	SCIENTIFIC GAMES	CA-0168
4.15	WICKLAND	CA-0173
5.3	HAWAIIAN INDEPENDENT REFINERY, INC.	HI-0001A
5.5	CHEVRON USA, INC.	CA-0174
5.5	SHELL CALIFORNIA PRODUCTION INC.	CA-0112B
5.5	SHELL CALIFORNIA PRODUCTION, INC.	CA-0161
5.5	SHELL CALIFORNIA PRODUCTION, INC.	CA-0112C
5.5	SHELL CALIFORNIA PRODUCTION, INC.	CA-0161B
5.5	SHELL CALIFORNIA PRODUCTION, INC.	CA-0161A
5.6	BEACON OIL	CA-0140
5.14	ELK HILL NAVAL PETROLEUM	CA-0156A
5.16	PETRO-LEWIS CORP.	CA-0116C
6.2	OLD MANSION, INC.	VA-0047
6.3	VIRGINIA CHEMICALS, INC.	VA-0050
6.54	C.R. HUDGINS PLATING CO., INC.	VA-0064
6.54	DUPONT	VA-0045
6.62	W.R. GRACE & CO.	OH-0092
7.3	ARCHER DANIELS MIDLAND CO.	IL-0033
7.3	BABCOCK & WILCOX, LAUHOFF GRAIN	IL-0034
7.12	ANDERSON CLAYTON FOODS	IL-0032
7.12	FRITO-LAY	CA-0085A
8.1	REFRACTORY SYSTEM, INC.	VA-0031
8.11	NEW RIVER CASTINGS CO.	VA-0059
9.1	ADAMS CONSTRUCTION CO.	VA-0035
9.1	ADAMS CONSTRUCTION CO.	VA-0063
9.1	APAC - VIRGINIA, INC.	VA-0054
9.1	LEE HY PAVING CORP.	VA-0053
9.1	MARVIN V. TEMPLETON & SONS, INC.	VA-0013A
9.1	MELCO GREEN, INC.	VA-0056
9.1	VIRGINIA PAVING, INC.	VA-0066

Figure 1. Control technology determinations received since May 1986. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
9.4	LONE STAR INDUSTRIES	CA-0170
9.6	NORTH AMERICAN TERMINALS	OH-0093
9.8	MANVILLE SALES CORP.	OH-0085
9.11	AFG INDUSTRIES, INC.	CA-0182
9.11	DIAMOND SHAMROCK CHEMICALS CO.	OH-0086
9.11	FORD MOTOR CO., DEARBORN GLASS PLT	MI-0046
9.17	CARDINAL STONE CO.	VA-0058
9.17	GRANITE CONSTRUCTION	CA-0176
9.17	LUCK STONE CORP.	VA-0041
9.17	LUCK STONE CORP.	VA-0061
9.17	OLIVER DE SILVA, INC.	CA-0169
9.17	RIM ROCK QUARRIES, INC.	VA-0032
9.17	TARMAC - LONESTAR, INC.	VA-0065
9.17	VULCAN MATERIALS	VA-0062
9.21	KYANITE MINING CORP.	VA-0040
10.1	CONSOLIDATED PAPERS, INC.	WI-0035
10.2	MASONITE CORP.	VA-0036
10.4	BRAND S CORP.	OR-0005
10.6	D-SCAN FURNITURE, INC.	VA-0052
10.6	LOUISIANA-PACIFIC CORP.	VA-0057
10.6	THIELE KAOLIN CO.	GA-0021
10.6	3M CO.	KY-0046
11.0	IBM CORP.	KY-0037A
12.0	FOLSOM PRISON	CA-0166
12.0	RUSSELL COUNTY PUBLIC SCHOOLS	VA-0042
12.0	UNIVERSITY OF VIRGINIA	VA-0030
12.0	VA DEPT. OF HIGHWAYS & TRANSPORTATION	VA-0051

Figure 1. Control technology determinations received since May 1986.

TABLE 1. INDEX OF CONTROL TECHNOLOGY DETERMINATIONS.

REPORT DATE 05/29/1987

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 1.1 EXTERNAL COMBUSTION - COAL						
AL ELEC COOP INC	AL	02/24/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0001
ALABAMA POWER CO.	AL	09/10/84	JEFFERSON COUNTY H*	KEN HALL	(205)-933-9110	AL-0023
AMALGAMAIZE CO.	AL	11/29/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0021
AMERICAN LIGNITE PROD. CO.	CA	12/21/83	AMADOR COUNTY APCD	EARL WITHYCOMBE	(916)-862-1233	CA-0046
AMERICAN LIGNITE PROD. CO.	CA	01/10/84	EPA REGION IX	JOE SLAMOVICH	(415)-974-8238	CA-0046A
ARIZONA PUBLIC SERVICE CO., CHOLLA UNIT*	AZ	02/15/78	EPA REGION IX	JIM HANSON	(415)-974-8238	AZ-0003
ARKANSAS PWR & LT CO.	AR	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0001
ASSOC. ELECT. COOP., INC.	MO	02/06/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0002
BASIN ELECTRIC POWER COOP.	ND	01/12/83	NORTH DAKOTA SHD	ROBERT KING	(701)-224-2348	ND-0004
BASIN ELECTRIC POWER COOP.	WY	05/14/76	WYOMING AQD	ECKART HAAS	(307)-777-7391	WY-0013
BIG RIVERS ELECT.-D.B. WILSON STATION	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0009
(87)BMCP	CA	06/20/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0158
BOARD OF PUBLIC UTILITIES	KS	09/29/76	EPA REGION VII	CHARLES SMITHORE	(816)-374-6525	KS-0012
B.F. GOODRICH CO.	IL	09/16/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0021
CAJUN ELECT. POWER COOP.	LA	03/25/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0006
CENTRAL POWER & LIGHT	TX	10/19/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0009
CENTRAL STATE UNIVERSITY	OH	07/01/85	DAYTON RAPCA	TIM WILSON	(513)-225-4435	OH-0069
CINCINATI GAS & ELECTRIC CO. - EAST BEN*	KY	05/14/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0030
CITY OF WILKES-BARRE	PA	07/31/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0020
(86)COGENERATION NATIONAL CORP.	CA	12/31/85	EPA REGION IX	JIM HANSON	(415)-974-8238	CA-0129
(86)COGENERATION NATIONAL CORP.	CA	12/13/85	SAN JOAQUIN COUNTY*	SEYED SADREDIN	(209)-462-8526	CA-0129A
(87)COGENTRIX CAROLINA LEASING CORP.	NC	05/28/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0037
(87)COGENTRIX CAROLINA LEASING CORP.	NC	07/07/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0039
COGENTRIX OF NORTH CAROLINA, INC.	NC	04/03/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0032
COGENTRIX OF NORTH CAROLINA, INC.	NC	06/25/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0033
COGENTRIX OF NORTH CAROLINA, INC.	NC	09/10/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0035
(87)COGENTRIX OF VIRGINIA, INC.	VA	06/12/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0034
COLORADO UTE-CRAIG UNIT 03	CO	03/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0007
CONTAINER CORP. OF AM	PA	01/20/81	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0030
(86)CORN PRODUCTS	CA	12/16/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0128

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.
NOTE - NUMBER IN ( ) BEFORE THE COMPANY NAME INDICATES THE YEAR OF THE BLC SUPPLEMENT THE ENTRY WILL APPEAR IN.
FOR EXAMPLE, (86) SIGNIFIES THE DETAILED LISTING OF THIS ENTRY WILL APPEAR IN THE 1986 BLC SUPPLEMENT.

PAGE A- 1

Figure 2. Example of summary table - index of control technology determinations (Table 1).

sources appears. For example, in the 1987 supplement, those entries received since the 1986 compilation was published will have an "87" to the left of the company name in Table 1. Future supplements will contain similar information. When Table 1 is printed as part of the complete update or new compilation that contains all entries (about every 5 years) no date will appear because all the information in Appendix G would be contained in that edition. It should also be noted that the I.D. number is now in the last column of Table 1 instead of the source type code and the source type code has been moved to a location that is just before the source type name in the category heading. A footnote has also been added to Table 1 that explains the purpose of the number in the parentheses before the company name, which is the year that the information was inserted into the Clearinghouse and the year that

the determination appears in the Appendix G update or supplement to the total compilation of determinations.

Table 2A - Control Technology Determinations for Sources with Industrial or Utility Boilers

Table 2A summarizes the BACT/LAER determinations for those sources with industrial or utility boilers. Figure 3 is an example of the Table 2A format. Table 2A also includes the name of the company, the State where the source is located, the State permit number (or EPA Regional Office file number), the process capacity or boiler size, whether the source is new (N) or modified (M), a description of the process or processes being permitted, the emission limitations and pollutants applicable to each permitted process, and the basis for the determination--NSPS (N*), SIP (S*), NAAQS (A*), PSD (P*), BACT (B*), LAER (L*). In some cases, more than one emission limitation is applicable to a given process/pollutant. In those cases, a second emission limitation is listed below the first emission limitation for a given pollutant without the pollutant name being repeated in the column preceding the emission limitation (see listing for Ashland Synthetic Fuels in Figure 3). This second emission limitation is referred to in the main BACT/LAER data base as the alternate limit. Because the space available on Table 2A is limited, a number of abbreviations for processes and emission limitations were developed. A complete list of these abbreviations is contained in Appendix E. Some comments have been received regarding the use of these abbreviations. Every effort has been made to use a standard set of abbreviations. In some cases, however, this was not possible. The control agencies are encouraged to review the abbreviations in Appendix E and submit any suggested revisions. The abbreviations are periodically reviewed and updated accordingly.

As noted above, Table 2A summarizes the emission limits and other information for all source type codes where an external combustion process (boiler) has been permitted (i.e., process codes 1.1 to 1.6). Table 2A has an I.D. number prior to each entry and is ordered by fuel type and size of the boiler in MM Btu/h (10^6 Btu/h). The boilers are listed in ascending size within each fuel category and all boilers in the system are included regardless of size. Where units of measure were reported in a form other than MM Btu/h, a conversion was performed using the following factors:

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						30.00LB/H	
					PM	.45LB/MMBTU	
						22.56LB/H	
					SO2	1.64LB/MMBTU	
						82.12LB/H	
					VOC	.13LB/H	
						.19T/YR	
ID NUMBER MI-0018	SOURCE TYPE - 4.4 SURFACE COATING - METAL FURNITURE						
STEELCASE, INC.	MI 51-80	40000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.69LB/MMBTU	
					PM	.85LB/MMBTU	
					SO2	1.68LB/MMBTU	
ID NUMBER IN-0020	SOURCE TYPE - 6.43 PHARMACEUTICAL						
MEAD JOHNSON & CO.	IN PC(63) 1567	40000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.65LB/MMBTU	
					PM	.83LB/MMBTU	
					SO2	2.10LB/MMBTU	
ID NUMBER OH-0096	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
FORD MOTOR CO., LIMA ENG*	OH EPA-S-A-80-19	55.00MMBTU/H	N	BOILER, COAL FIRED	PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	24H B*
ID NUMBER MI-0026	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GM PROVING GROUND	MI 458-78	40000.00LB/H EA	N	BOILER, COAL FIRED, 4 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER VA-0005	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
HAMPTON ROADS ENERGY CO.	VA 78VA01	60.00MMBTU/H	N	GENERATOR STACK, UTILITY STE*	CO	29.00LB/H	B*
					NOX	186.00LB/H	B*
					PM	34.00LB/H	B*
					SO2	180.00LB/H	N*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX G.
(N) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX G.
(1) INDICATES ENTRY NOT IN ORDER OF BOILER SIZE IN MMBTU/H. THIS ENTRY DID NOT CONTAIN BOILER (PROCESS) CAPACITY INFORMATION AND THEREFORE COULD NOT BE LISTED IN ORDER OF SIZE.

PAGE C- 3

PROCESS CODE 1.1

Figure 3. Example of summary table - control technology determinations for sources with industrial and utility boilers (Table 2A).

250 MM Btu/h heat input is equal to:

29 MW_i, heat input

25 MW_e, output

200,000 lb steam/h output.

Two footnotes are on Table 2A. The first footnote explains how Table 2A is organized. The second footnote indicates which determinations because of the lack of data could not be converted to MM Btu/h for the purpose of ordering Table 2A. These determinations are presented at the end of each process code summary.

Appendix - Detailed Source Listings

In addition to Tables 1 and 2A, a complete listing of all source data is provided in Appendix G. Information presented in Appendix G consists of the ID number (an identification number assigned by the Clearinghouse), source type code, source type name, source size and corresponding units on the source size, company name, street address, city, county, State, zip code, EPA Regional Office, whether determination is BACT (B) or LAER (L), whether source is new (N) or modified (M), date permit was issued, permit or identification number, estimated startup date, agency issuing permit, contact person within agency who is familiar with the control technology information, agency telephone number, process type code (where applicable), process name, throughput capacity and corresponding units, pollutant name, emission limit (for the given pollutant), alternate limit, basis for limit (BACT, LAER, SIP, etc.), control equipment, process modification (modification that would minimize emissions), percent efficiency for the control devices and notes. This listing is intended to provide the maximum manageable amount of technical and administrative information without essentially duplicating a completed permit application.

Appendix H is similar to Appendix G except that it contains a listing of all source data for those determinations that have been revised since May 1986. These revised determinations are provided in Appendix H to ensure that the latest information is available on each determination as a result of information submitted by the agency either as a result of a normal review and evaluation of the information contained in the Clearinghouse or new information is available from the source regarding the determination.

An additional item was added to the detailed source listing as presented in the 1985 compilation. This additional item (review status) is located in the lower right-hand corner above the source type code. This item indicates the dates on which the determination was reviewed by the agency issuing the permit. Determinations are routinely submitted to the agency issuing the permit for review after the determination has been initially entered into the system to ensure that all the data have been entered properly and after the proposed startup date to ensure that the determination is still applicable given any changes or revisions that may have taken place between the time the original permit was issued and source startup and operation. These reviews

allow the information in the clearinghouse to remain current and complete based on the latest information available to the agency issuing the permit. Agencies are obviously encouraged to submit any major revisions to the determinations as they occur, but a provision has been made to routinely submit all determinations for review after initial entry and after the proposed startup date has passed. Figure 4 is an example of Appendix G or the complete listing for one source. Figure 5 is a listing of the BACT/LAER data base structure.

IMPROVEMENTS TO THE SYSTEM

Because more and more States are expanding their air toxic programs and are requiring permits for sources that emit toxic compounds, we are encouraging State and local agencies to submit permitting data on toxic air pollutants. As a result, the BACT/LAER Clearinghouse can supplement and complement the information in the National Air Toxics Information Clearinghouse, which contains information on air toxic policies, State toxic regulations, and literature dealing with toxic programs.

Because certain toxic compounds can have a variety of names depending on the manufacturer, pollutants will be identified in the BACT/LAER Clearinghouse by the Chemical Abstract Service (CAS) Registry number. The CAS number is a numeric designation assigned by the American Chemical Society's Chemical Abstracts Service and uniquely identifies a specific chemical compound. This will allow the user to conclusively identify a substance regardless of its name. The BACT/LAER Clearinghouse can handle the number of digits needed for the CAS system; however, the output tables can only handle four digits. Therefore, the CAS number will be shown in the Notes Section of the detailed listing (see notes section of Appendix-Detailed Source Listing in Figure 4). The reference for CAS numbers is the Chemical Activities Status Report, Volumes I and II, 4th edition, [EPA-450/TIIF-84-001(a,b)]. Another useful reference is the Documentation of the Threshold Limit Values, published by American Conference of Governmental Industrial Hygienists, Cincinnati, Ohio.

A revision has been made to the detailed listing of source type codes (Appendix D). Because of the number of determinations that have been submitted in the area of wood furniture refinishing a new source type code has been added to the listing and one source type code redefined. Source type

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: SYNTHETIC FIBERS

COMPANY NAME/SITE LOCATION: DUPONT, SPRUANCE PLANT — RICHMOND, VA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 50397
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); JAMES LEHAN (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/15/86
ESTIMATED DATE OF START-UP--- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPINNING, SYNTHETIC FIBER	27.10 MMLB/YR				
		VOC	19.3000 LB/T SOLVENT 170.7300 LB/H	SOLVENT RECOVERY SYSTEM	99.00
		DIPM	583.3000 UG/CU METER/DISPERSION MODEL	SOLVENT RECOVERY SYSTEM	

NOTES ---------
INCREASED PRODUCTION CAPACITY BY 17% WITHOUT AN EMISSION CHANGE. PREVIOUS EMISSIONS WERE ALREADY MEETING NSPS SUBPART HHH. THI S SOURCE EXEMPT FROM NSPS. SOLVENT RECOVERY SYSTEM EFF. WAS INCREASED. VOLATILE ORGANIC COMPOUNDS ARE ALMOST TOTALLY DIMETHYL ACETAMIDE

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/08/1987

Figure 4. Example of appendix or complete source listing.

```
ID NUMBER*
SOURCE TYPE CODE*
SOURCE TYPE NAME*
SOURCE SIZE*
SOURCE SIZE UNITS*
COMPANY NAME*
ADDRESS*
CITY*
COUNTY*
STATE INITIALS*
ZIP CODE*
EPA REGION*
BACT/LAER DETERM*
NEW/MODIFIED*
DATE PERMIT ISSUED*
PERMIT NUMBER*
REGION FILE NUMBER*
ESTIMATED STARTUP DATE*
AGENCY CONTACT PERSON*
AGENCY PHONE NUMBER*
NOTES*

  PROCESS TYPE CODE*
  NAME OF PROCESS*
  THROUGHPUT CAPACITY*
  THROUGHPUT UNITS*

    POLLUTANT NAME*
    EMISSION LIMIT*
    EMISSION UNITS*
    ALTERNATE LIMIT*
    ALTERNATE UNITS*
    BASIS FOR LIMITS*
    CONTROL EQUIPMENT*
    PROCESS MODIFICATION*
    PERCENT EFFICIENCY*

    POLLUTANT NAME*
    EMISSION LIMIT*
    EMISSION UNITS*
    ALTERNATE LIMIT*
    ALTERNATE UNITS*
    BASIS FOR LIMITS*
    CONTROL EQUIPMENT*
    PROCESS MODIFICATION*
    PERCENT EFFICIENCY*
```

Figure 5. Computerized listing of BACT/LAER determination data elements.

code 4.14 has been redefined as wood furniture refinishing and source type code 4.15 has been added to represent the other category in the general area of organic evaporation loss.

Other improvements and revisions to the system will continue to be considered as a result of contacts with various State and local agencies. These improvements and revisions will be evaluated and made based on the recommendations of the State and local agencies that are submitting determinations to the Clearinghouse.

As improvements and revisions are made in the system, the set of simplified instructions and User's Manual for the automated system will be updated to allow control agencies that currently have access to the EPA Univac Computer in the Research Triangle Park to obtain additional copies of Tables 1 (Appendix A), 2A (Appendix C), and Appendix G, and to enter and retrieve data directly from the clearinghouse. The current set of instructions and User's Manual are available from:

Ms. Candace Sorrell
U.S. Environmental Protection Agency
MD-19
Research Triangle Park, North Carolina 27711
(919) 541-2237

PROCEDURES FOR FUTURE SUBMISSIONS TO THE CLEARINGHOUSE

The BACT/LAER Clearinghouse is intended as a dynamic program with periodic updates and new listings welcomed. Submissions by State and local control agencies are entirely voluntary. Without these submittals, however, the viability and usefulness of the program are jeopardized. Agencies are encouraged to make formal submittals at any time.

Information can be submitted in either of two formats. First, it can be submitted on the voluntary form shown in Figure 6. The same basic information can also be directly input into a special State or local agency file that can be set up to receive data via a computer hookup. Agencies are encouraged to use either format for submittals to the Clearinghouse.

In order to facilitate the submission of determinations and corrections, a copy of the form shown in Figure 6 and a set of instructions for completing the input form are provided in Appendix F of this report. This form can be reproduced and used to submit new determinations and/or to update existing information. All questions regarding the Clearinghouse should be directed to:

Ms. Candace Sorrell
U.S. Environmental Protection Agency
MD-19
Research Triangle Park, North Carolina 27711
(919) 541-2237 (commercial)
629-2237 (FTS)

Mail to: Candace Sorrell
BACT/LAER Clearinghouse
U.S. EPA (MD-19)
RTP, NC 27711

BACT/LAER DETERMINATION INPUT SUMMARY SHEET

[2] Source Code

Date of This Report

Source Type/Size:[1] _____

Company Name/Site Location:[3] _____

Determination is:[4] (circle appropriate definition)

BACT/LAER For New/Modified Source:

Permit No.:[5] _____

Date of Permit Issuance:[6] _____

Date of Estimated Start-up:[7] _____

Determination Made By:[8] _____ (Agency)

(Person Directly Knowledgeable About Permit) (Phone)

9 Permit Parameters: (List all processes subject to this permit)	10 Maximum Design Capacity	11* Pollutant Regulated	12 Emission limit(s) units of emissions/ units of input	13** Reg. reqmts. assoc. w/limit	14 Control equipment of process modification description	15 Efficiency %

Notes:[15] _____

*Use the following abbreviations wherever possible: PM=particulate matter, SO_2=sulfur dioxide, NO_x=nitrogen oxides, CO=carbon monoxide, VOC=volatile organic compounds, VE=visible emission, TRS=total reduced sulfur, F=fluoride, Be=beryllium, H_2S=hydrogen sulfide, Hg=mercury, VC=vinyl chloride.

**Please use the following abbreviation: B=BACT, L=LAER, N=NSPS, H=NESHAP, A=NAAQS or PSD constraints, S=SIP, R=RACT, U=Unregulated.

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Figure 6. BACT/LAER determination form.

APPENDIX A

TABLE 1 INDEX OF CONTROL TECHNOLOGY DETERMINATIONS

TABLE 1. INDEX OF CONTROL TECHNOLOGY DETERMINATIONS.

REPORT DATE 05/29/1987

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 1.1 EXTERNAL COMBUSTION - COAL						
AL ELEC COOP INC	AL	02/24/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0001
ALABAMA POWER CO.	AL	09/10/84	JEFFERSON COUNTY H*	KEN HALL	(205)-933-9110	AL-0023
AMALGAMAIZE CO.	AL	11/29/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0021
AMERICAN LIGNITE PROD. CO.	CA	12/21/83	AMADOR COUNTY APCD	EARL WITHYCOMBE	(916)-862-1233	CA-0048
AMERICAN LIGNITE PROD. CO.	CA	01/10/84	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0048A
ARIZONA PUBLIC SERVICE CO., CHOLLA UNIT*	AZ	02/15/78	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0003
ARKANSAS PWR & LT CO.	AR	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0001
ASSOC. ELECT. COOP., INC.	MO	02/06/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0002
BASIN ELECTRIC POWER COOP.	ND	01/12/83	NORTH DAKOTA SHD	ROBERT KING	(701)-224-2348	ND-0004
BASIN ELECTRIC POWER COOP.	WY	05/14/76	WYOMING AQD	ECKART HAAS	(307)-777-7391	WY-0013
BIG RIVERS ELECT.-D.B. WILSON STATION	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0009
(87)BHCP	CA	06/20/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0158
BOARD OF PUBLIC UTILITIES	KS	09/29/76	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	KS-0012
B.F. GOODRICH CO.	IL	09/16/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0021
CAJUN ELECT. POWER COOP.	LA	03/25/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0006
CENTRAL POWER & LIGHT	TX	10/19/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0009
CENTRAL STATE UNIVERSITY	OH	07/01/85	DAYTON RAPCA	TIM WILSON	(513)-225-4435	OH-0069
CINCINATI GAS & ELECTRIC CO. - EAST BEN*	KY	05/14/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0030
CITY OF WILKES-BARRE	PA	07/31/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0020
(86)COGENERATION NATIONAL CORP.	CA	12/31/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0129
(86)COGENERATION NATIONAL CORP.	CA	12/13/85	SAN JOAQUIN COUNTY*	SEYED SADREDIN	(209)-462-8526	CA-0129A
(87)COGENTRIX CAROLINA LEASING CORP.	NC	05/28/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0037
(87)COGENTRIX CAROLINA LEASING CORP.	NC	07/07/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0039
COGENTRIX OF NORTH CAROLINA, INC.	NC	04/03/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0032
COGENTRIX OF NORTH CAROLINA, INC.	NC	06/25/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0033
COGENTRIX OF NORTH CAROLINA, INC.	NC	09/10/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0035
(87)COGENTRIX OF VIRGINIA, INC.	VA	06/12/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0034
COLORADO UTE-CRAIG UNIT #3	CO	03/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0007
CONTAINER CORP. OF AM	PA	01/20/81	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0030
(86)CORN PRODUCTS	CA	12/16/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0128

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.
NOTE - NUMBER IN ( ) BEFORE THE COMPANY NAME INDICATES THE YEAR OF THE BLC SUPPLEMENT THE ENTRY WILL APPEAR IN.
FOR EXAMPLE, (86) SIGNIFIES THE DETAILED LISTING OF THIS ENTRY WILL APPEAR IN THE 1986 BLC SUPPLEMENT.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 05/29/1987

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
(86)CORN PRODUCTS						
CURTISS-WRIGHT CORP.	CA	10/29/85	SAN JOAQUIN COUNTY*	SEYED SADREDIN	(209)-462-8526	CA-0128A
DELMARVA POWER & LIGHT	NJ	06/13/80	EPA REGION II	STEVE RIVA	(212)-264-8684	NJ-0004
DESERET GEN & TRANS, MOON LAKE	MD	09/30/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0004
EAST KENTUCKY POWER COOP.	UT	02/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0006
EASTMAN KODAK CO., KODAK PARK DIV.	KY	12/02/76	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0018
E. KENTUCKY POWER CORP.	NY	12/20/82	NEW YORK DEC	FRANK SHATTUCK	(716)-226-2466	NY-0004
FLORIDA POWER CORP.	KY	08/21/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0003
GRAND HAVEN BOARD OF LT & PWR	FL	01/15/80	FLORIDA DER	BOB KING	(904)-488-1344	FL-0013
GRAND RIVER DAM AUTHORITY	MI	03/18/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0004
(87)GHF POWER SYSTEMS CO.	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0001
HOLYOKE WATER POWER CO., MT. TOM PWR PL*	CA	01/28/87	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0180
HOUSTON LIGHTING & POWER	MA	10/27/82	MASSACHUSETTS DEQE*	DAVID HOWLAND	(617)-727-8640	MA-0005
HOUSTON LIGHTING & POWER	TX	10/28/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0005
IA SOUTHERN UTILITIES (CENTERVILLE, IA.)	TX	11/12/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0011
IDAHO NAT ENGINEERING LAB.	IA	12/01/76	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	IA-0007
INDIANA STATEWIDE RURAL ELEC. COOP., ME*	ID	06/05/81	EPA REGION X	DAVID TETTA	(206)-442-1193	ID-0002
INDIANA & MICHIGAN ELEC. CO., ROCKPORT *	IN	06/28/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0022
INDIANAPOLIS POWER & LIGHT CO., PATRIOT*	IN	10/27/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0023
INTERMOUNTAIN POWER PROJECT	IN	12/14/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0025
INTERMOUNTAIN PWR PROJECT-IPP	UT	10/17/83	UTAH BAQ	DAVID KAPTA	(801)-533-6108	UT-0009A
IOWA ELECTRIC LIGHT & POWER CO.	UT	06/08/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0009
IOWA-ILLINOIS GAS & ELECT.	IA	10/29/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	IA-0011
JACKSONVILLE ELECT. AUTHORITY	IA	06/16/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	IA-0002
KANSAS CITY POWER & LIGHT	FL	01/01/82	FLORIDA DER	BOB KING	(904)-488-1344	FL-0006
KANSAS POWER & LIGHT CO.	MO	01/07/77	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0004
KENTUCKY POWER - CARR'S FAC.	KS	03/30/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0010
KENTUCKY UTILITIES - HANCOCK POWER PLANT	KY	04/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0004
LOUISVILLE GAS & ELECT. - TRIMBLE CNTY *	KY	04/15/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0027
LOUISVILLE GAS & ELECT. - WISE'S LANDIN*	KY	12/27/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0025
LOWER COLORADO RIVER AUTHORITY	KY	03/01/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0024
MARQUETTE BOARD OF LT & PWR	TX	12/22/83	TEXAS ACB	JIM CROCKER	(512)-451-5711	TX-0136
MICHIGAN SOUTH CENTRAL POWER AGENCY	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0014
MINN. POWER & LIGHT CO., CLAY-BOSWELL	MI	05/16/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0001
	MN	06/16/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	MN-0006

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.
NOTE - NUMBER IN ( ) BEFORE THE COMPANY NAME INDICATES THE YEAR OF THE BLC SUPPLEMENT THE ENTRY WILL APPEAR IN.
FOR EXAMPLE, (86) SIGNIFIES THE DETAILED LISTING OF THIS ENTRY WILL APPEAR IN THE 1986 BLC SUPPLEMENT.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 05/29/1987

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
MORGANTOWN ENERGY RESEARCH CENTER	WV	09/20/79	EPA REGION III	EILEEN GLEN	(215)-597-8187	WV-0006
(87)MOUNT POSO COGENRATION CO.	CA	01/12/87	EPA REGION JX	MATT HABER	(415)-974-8209	CA-0178
MUSCATINE POWER & WATER	IA	01/24/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0001
NE PUBLIC POWER DIST./GENTLEMAN #2	NE	02/09/77	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	NE-0003
NEBRASKA PUBLIC POWER DIST.	NE	12/16/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	NE-0002
NEVADA PWR CO.	NV	04/13/81	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	NV-0001
NEW ENGLAND POWER CO., BRAYTON POINT ST*	MA	11/01/80	MASSACHUSETTS DEQE*	VAUGHAN STEEVES	(617)-727-1440	MA-0006
NORTHERN INDIANA PUBLIC SERVICE CO.	IN	03/31/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0003
NORTHERN STATE POWER CO., SHERBURNE STA	MN	04/25/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	MN-0007
NSPS COAL/WATER MIXTURE DEMO PROJECT	OH		PORTSMOUTH	FRANK PHILLIPS	(614)-353-5153	OH-0063
NY STATE ELECT. & GAS - CYUGA STATION	NY	06/29/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0003
OKLAHOMA GAS & ELECT. CO.	OK	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0003
OKLAHOMA GAS & ELECT. CO.	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0002
PACIFIC POWER & LIGHT	WY	12/01/75	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0012
PANORAMA ENERCORP, INC	WA	09/22/81	EPA REGION X	PAUL BOYS	(206)-442-1193	WA-0001
PENNSYLVANIA ELECT. CO.	PA	08/18/81	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0004
PLAINS ELECT. GEN & TRANS	NM	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	NM-0002
PLATTE RIVER PWR-RAWHIDE	CO	05/22/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0012
(87)PYROPOWER CORP.	CA	12/01/86	KERN COUNTY APCD	TOM PAXSON	(305)-361-3682	CA-0165
RIO BRAVO REFINING CO.	CA	02/28/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0092
(87)RIO BRAVO REFINING CO.	CA	08/19/80	EPA REGION IX	JAMES HANSON	(415)-974-8218	CA-0092A
(87)RIO BRAVO REFINING CO.	CA	10/22/86	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0092B
SALT RIVER PROJECT CORONADO STATION UNI*	AZ	04/10/78	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0004
SANDOW STEAM ELECT. STATION	TX	09/20/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0007
(86)SCE - BIOGEN POWER PROJECT	CA	04/26/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0120
SIERRA PACIFIC POWER CO.	NV	04/04/78	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	NV-0002
SIKESTON BOARD OF MUNICIPAL UTILITIES	MO	07/14/77	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	MO-0003
SOUTHWESTERN PUBLIC SERVICE	TX	03/30/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0006
SUNFLOWER ELECT. COOP., INC. - HAYS, KS.	KS	05/19/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0001
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0010
SW ELECT. POWER	LA	09/01/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0002
SW ELECT. POWER	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0015
SW ELECT. POWER	TX	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0001
S.C. PUBLIC SERVICE AUTHORITY	SC	12/03/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0010

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TACOMA CITY LIGHT	WA	05/11/82	EPA REGION X	DAVID TETTA	(206)-442-1597	WA-0006
TAMPA ELECT. CO.	FL	10/15/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0003
(87)TENNESSEE VALLEY AUTHORITY	KY	04/15/86	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0007A
(87)TENNESSEE VALLEY AUTHORITY	KY	12/13/85	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0007B
TUCSON ELECT. POWER CO. UNIT #3	AZ	04/11/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	AZ-0005
TUCSON ELECT. POWER CO. UNITS #1 & 2	AZ	12/21/77	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	AZ-0002
(87)TULTEX CORP.	VA	12/18/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0044
TVA - AFBC PILOT PLANT - SHAWNEE STEAM *	KY	04/14/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0007
TVA - PARADISE - DRAKESBORO	KY	06/25/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0036
(87)UNION CAMP	VA	07/01/85	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0033
UTAH PWR & LT CO-HUNTER STATION	UT	06/02/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0021
U.S. NAVY - PUGET SOUND NAVAL SHIPYARD	WA	09/25/84	PUGET SOUND APCA	HARRY MATTERS	(206)-344-7334	WA-0014
VIRGINIA POWER	VA	07/27/84	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0029
WASHINGTON WATER POWER CO.	WA	11/17/82	EPA REGION X	PAUL BOYS	(206)-442-1567	WA-0008
WEST TEXAS UTILITIES CO.	TX	05/20/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0012
(86)WHITE PINE POWER PROJECT	NV	08/06/85	NEVADA DEP	GLEN GENTRY	(702)-885-4670	NV-0010
WISCONSIN ELEC. POWER CO., PLEASANT PRA*	WI	08/09/76	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0030
WISCONSIN POWER & LIGHT CO., EDGEWATER *	WI	04/26/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0029
WISCONSIN PUBLIC SERVICE CORP., WESTON *	WI	05/11/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0028
3M CO.	AL	11/29/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0022
SOURCE TYPE -- 1.2 EXTERNAL COMBUSTION - OIL						
ANGUS PETROTECH	CA	11/29/83	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0069
(86)BERRY HOLDING CO.	CA	10/02/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0113A
DELCO MORAINE DIV., GMC	OH	07/01/85	DAYTON RAPCA	AMY WRIGHT	(513)-225-4435	OH-0071
(87)GEORIGA-PACIFIC CORP.	OH		SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0094
(87)GMC-CPC HAMILTON-FAIRFIELD	OH	12/31/86	SOUTHWEST OHIO APCA	LAWRENCE HARRELL	(513)-251-8777	OH-0088
HOOKER CHEMICAL & PLASTICS CORP.	MD	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	MD-0013
HOPCO	CA	12/04/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0069
HOUSTON LIGHTING & POWER	TX	01/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0013
NORTHERN INDIANA PUBLIC SERVICE CO., SC*	IN	08/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0024
(86)PETRO-LEWIS CORP.	CA	08/07/84	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0116B

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(86)UNICAL	CA	12/27/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0125
SOURCE TYPE -- 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
APPLIED POWER TECHNOLOGY	CA	11/29/83	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0066
(86)CALCOGEN	CA	04/26/84	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0135
CONSUMERS POWER CO.	MI	06/01/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0013
(86)GREENLEAF POWER CO.	CA	04/18/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0119
MOBAY CHEMICAL CORP.	MO	08/16/83	KANSAS CITY AQS	LARRY COLE	(816)-274-2501	MO-0006
(87)NAVAL STATION TREASURE ISLAND	CA	12/19/86	BAY AREA AQMD	JOHN LAIRD	(415)-771-6000	CA-0193
(86)OLS ENERGY	CA	01/30/86	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0150
(87)OLS ENERGY	CA	02/27/87	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0150A
(87)REYNOLDS METALS CO.	VA	12/22/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0046
(86)SHELL CA PRODUCTION, INC.	CA	02/06/86	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0112A
SOUTHERN NAT. GAS	MS	08/21/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0003
(87)U.S. GOVERNMENT	CA	10/29/86	SACRAMENTO COUNTY *	A. KENNARD	(916)-366-2107	CA-0195
SOURCE TYPE -- 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
AFTON GENERATING CO.	WY	02/15/83	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0003
(87)AUBERRY ENERGY, INC.	CA	04/02/85	FRESNO COUNTY APCD	MIKE TOLLSTRAP	(209)-445-3239	CA-0172
(87)BURLINGTON INDUSTRIES	GA	11/13/86	GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0020
COLLINS PINE CO.	CA	08/03/84	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	CA-0083
CO-GEN., INC.	ID	03/15/83	EPA REGION X	PAUL BOYS	(206)-442-1193	ID-0001
CO-GEN., INC.	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0001A
(87)ERATH VENEER CORP. OF VA	VA	12/30/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0043
(86)FAIRHAVEN POWER CO.	CA	02/12/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0124
(87)FAIRHAVEN POWER CO.	CA	01/10/85	NORTH COAST UNIFIE*	CHUCK SASSENRATH	(707)-443-3093	CA-0188
HAYFORK COGENERATION PROJECT	CA	12/14/83	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	CA-0070
MCNEIL GENERATING STATION	VT	05/01/80	VERMONT AEC	HAROLD GARABEDIAN	(802)-828-3395	VT-0002
(86)SUPERIOR FARMING CO.	CA	02/25/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0141
TEXAS ELECTRIC COOP.,INC.	TX	02/07/84	TEXAS ACB	JIM CROCKER	(512)-451-5711	TX-0145

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(87)ULTRAPOWER - PLACER, INC.	CA	01/02/87	PLACER COUNTY APCD	RUSS ROBERTS	(916)-823-4443	CA-0194
ULTRASYSTEMS	CA	01/12/84	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	CA-0077
(86)ULTRASYSTEMS INC.	CA	08/09/85	TUOLUMNE COUNTY AP*	EARL WITHYCOMBE	(916)-862-1233	CA-0118
SOURCE TYPE -- 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLANT	IA	11/05/79	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0006
CITY OF COLUMBUS	OH	10/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0045
FLORIDA POWER & LIGHT	FL	02/20/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0014
GULF STATES UTILITY	LA	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0004
HARNEY ELECT.	OR	08/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	OR-0001
INTERNATIONAL PAPER CO.	TX	02/04/84	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0144
MULTITRADE GROUP, INC.	VA	09/26/84	VIRGINIA APCB	TOM CREASY	(804)-786-1433	VA-0028
(86)PACIFIC THERMONETICS, INC.	CA	12/10/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0126
POWER AUTHORITY STATE OF NEW YORK	NY	02/22/82	EPA REGION II	DENNIS SANTELLA	(212)-264-9628	NY-0005
STONE CONTAINER CORP.	LA	06/02/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0042
(87)S.D. WARREN CO.	MI	10/21/86	MICHIGAN DNR	DHRUMAN SHAH	(517)-373-7023	MI-0044
SOURCE TYPE -- 1.6 EXTERNAL COMBUSTION - OTHER						
AMERICAN PACKAGING CORP.	PA	12/28/82	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0031
CALIFORNIA POWER & LIGHT	CA	01/01/84	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0062
(87)COGENTRIX VIRGINIA LEASING CORP.	VA	12/23/86	VIRGINIA APCB	CATHY TAYLOR	(804)-786-7767	VA-0048
CONTINENTAL CARBON CO.	TX	11/04/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0124
HOUSTON LIGHTING & POWER	TX	09/10/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0008
IMOTEK, INC.	CA	09/01/83	SACRAMENTO APCD	ROBERT KNIGHT	(916)-366-2107	CA-0071
METROPOLITAN SERVICE DISTRICT	OR		OREGON DEQ	LLOYD KOSTOW	(503)-229-5106	OR-0003
OCCIDENTAL GEOTHERMAL - OXY #1	CA	05/10/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0034
(87)PACIFIC GAS & ELECTRIC CO.	CA	08/29/85	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0161
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	07/27/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0029
TEXAS UTILITIES GEN CO.	TX	09/22/77	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0003
TEXAS UTILITIES SERVICE, INC.	TX	02/09/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0002

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TEXAS UTILITIES SERVICE, INC.	TX	01/17/78	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0004
(86)THERMAL POWER	CA	05/20/85	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0123
U.S. SUGAR CORP.	FL	01/11/85	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0034
(86)VALLEY POWER ASSOC.	CA	09/24/84	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0134
WESTCHESTER COUNTY RESOURCE RECOVERY	NY	02/22/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0008
SOURCE TYPE -- 2.1 REFUSE INCINERATION						
(86)ALTERNATIVE FUELS INDUSTRIES	OH	06/17/85	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0074
(87)AMERICAN REF-FUEL OF ESSEX COUNTY	NJ	12/11/85	NEW JERSEY DEP	ROBERT YEATES	(609)-292-0418	NJ-0007
ARLINGTON/ALEXANDRIA WASTE-TO-ENERGY PLT	VA	10/04/84	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0024
CE - RESOURCE RECOVERY SYSTEMS	MI	11/09/84	MICHIGAN DNR	RANDAL TELESZ	(517)-322-1333	MI-0039
CITY OF CLEBURNE	TX	02/27/85	TEXAS ACB	JAMES RANDALL	(512)-451-5711	TX-0158
(87)CITY OF LONG BEACH	CA	10/23/85	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0183
COMMERCE REFUSE-TO-ENERGY	CA	05/08/84	SOUTH COAST AQMD	T. HUNT	(818)-572-6203	CA-0107
DUTCHESS COUNTY RESOURCE RECOVERY	NY	10/14/83	NEW YORK DEC	JAMES HARRINGTON	(518)-457-2018	NY-0012
(87)ENERCAN RESOURCES, INC.	CA	01/08/86	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0184
ENERGY ANSWERS CORP.	MA	03/15/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	MA-0002
HOOKER ENERGY CORP.	NY	07/23/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0002
(87)I-95 ENERGY/RESOURCE RECOVERY FACILITY	VA	01/12/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0055
(86)KAISER ENGINEERS CORP.	CA	12/31/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0130
KATY SEGHERS	UT	02/24/84	UTAH BAQ	DAVID KOPTA	(801)-533-6108	UT-0032
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	04/25/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	FL-0030
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	07/02/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	FL-0030A
(86)MID-CONNECTICUT RESOURCE RECOVERY FACIL*	CT	04/18/85	CONNECTICUT DEP	ALFRED CONKLIN	(203)-566-8230	CT-0002
(86)MONTGOMERY CNTY NORTH & SOUTH REDUCTION*	OH		OHIO REGIONAL APCA	VICTORIA HATHAWAY-*	(513)-225-4438	OH-0080
MUNICIPAL INCINERATOR PULASKI HWY	MD	01/25/80	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0002
NESWC RESOURCE RECOVERY FACILITY	MA	05/27/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	MA-0004
NOFOLK NAVAL SHIPYARD	VA	03/26/84	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0026
(86)NORTH COUNTY RESOURCE RECOVERY ASSOC.	CA	11/30/84	SAN DIEGO COUNTY A*	JUDITH LAKE	(619)-565-5908	CA-0132
(87)NORTH COUNTY RESOURCE RECOVERY ASSOC.	CA	04/02/85	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0132A
N.E. MARYLAND WASTE DISPOSAL AUTHORITY	MD	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	MD-0005
(86)OGDEN MARTIN SYSTEMS OF BRISTOL	CT	09/09/85	CONNECTICUT DEP	ALFRED CONKLIN	(203)-566-8230	CT-0004

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(87)OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	IN	03/24/86	INDIANAPOLIS APCD	DAVID JORDAN	(317)-633-5497	IN-0026
(87)OGDEN MARTIN SYSTEMS OF TULSA, INC.	OK	03/20/86	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0021
PUBLIC WORKS & UTILITIES	FL	01/27/84	FLORIDA DER	BOB KING	(904)-488-1344	FL-0033
REDDY CREEK IMPROVEMENT DIST	FL	02/11/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0007
REFUSE FUELS, INC.	MA	03/23/81	EPA REGION I	JOHN COURCIER	(617)-223-4448	MA-0001
RESOURCE RECOVERY DEVELOPMENT AUTHORITY*	GA	04/05/84	GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0017
RESOURCES AUTHORITY	TN	08/01/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0012
(87)STANISLAUS WASTE ENERGY CO.	CA	08/11/86	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0185
TRANS ENERGY	OR	12/19/83	OREGON DEQ	WENDY SIMS	(503)-229-5259	OR-0004
(86)TRI-CITIES RESOURCE RECOVERY	CA	12/03/85	BAY AREA AQMD	BRIAN BATEMAN	(415)-771-6000	CA-0154
VICON RECOVERY SYSTEMS	VT	03/20/84	ENVIRONMENTAL CONS*	LARRY MILLER	(802)-828-3395	VT-0003
SOURCE TYPE -- 2.2 SEWAGE SLUDGE INCINERATION						
CITY OF L.A., HYPERION, BUREAU OF ENGIN*	CA	09/30/82	EPA REGION IX	RICK SUGAREK	(415)-974-8224	CA-0033
COUNTY SANITATION DISTRICTS OF L.A. COU*	CA	02/13/84	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0033A
(87)MILL CREEK TREATMENT PLANT - MSD	OH	12/31/86	SOUTHWEST OHIO APCA	PEG GROEBER	(513)-251-8777	OH-0087
SOURCE TYPE -- 2.3 OTHER SOLID WASTE DISPOSAL						
CREMATION SERVICES, INC.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0055
DELAWARE SOLID WASTE AUTHORITY	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0003
DELAWARE SOLID WASTE II	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0003A
GABRIEL POWER CO.	CA	04/18/84	FRESNO COUNTY APCD	C.E. MASKALL	(209)-445-3258	CA-0099
LUBBOCK FEEDLOTS, INC.	TX	02/16/83	TEXAS ACB	RALPH BOWLER	(512)-451-5711	TX-0119
(87)MERCER VAULT CO.	VA	11/25/86	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0049
RACK PROCESSING CO.	OH		DAYTON RAPCA	DONNA GORBYLEE	(513)-225-5926	OH-0072
WATSON ENERGY SYS, INC.	CA	01/03/80	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0021
(86)WESTERN POWER GROUP	CA	11/21/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0121
SOURCE TYPE -- 3.1 NATURAL GAS TURBINES						

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AMCO CHEMICALS CORP.	TX	03/01/84	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0149
ANCHORAGE MUNICIPAL LIGHT & POWER	AK	10/15/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0008
APPLIED ENERGY SERVICES	LA		LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0053
BASF WYANDOTTE CO.	LA	09/13/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0054
(87)CALIFORNIA DEPT. OF CORRECTIONS	CA	12/08/86	KINGS COUNTY APCD	MARTIN KEAST	(209)-584-1411	CA-0187
CARDINAL COGEN	CA	06/29/83	EPA REGION IX	RICK SUGAREK	(415)-974-7631	CA-0084
(86)CHEVRON, U.S.A.	CA	07/22/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0110
CHUGACH ELECTRIC ASSOCIATION, UNIT #4	AK	08/06/82	EPA REGION X	PAUL BOYS	(206)-442-1567	AK-0005
(86)CIBA GIEGY CORP.	NJ	01/03/85	NEW JERSEY DEP	THOMAS MICAI	(609)-984-3033	NJ-0006
(87)CITY OF SANTA CLARA	CA	01/05/87	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0192
COLORADO INTERSTATE GAS	KS	10/19/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0013
(87)COMBINED ENERGY RESOURCES	CA	03/03/87	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0179
CROWN ZELLERBACH, INC.	CA	03/01/82	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	CA-0044
(87)DOUBLE 'C' LIMITED	CA	11/04/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0163
DOW CHEMICAL, USA	LA	11/14/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0011A
(86)ENERGY RESERVE, INC.	CA	10/04/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0115
EXPLORER PIPELINE CO.	TX	06/20/84	TEXAS ACB	R. HAMILTON	(512)-451-5711	TX-0150
GETTY OIL CO.	CA	03/29/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0109
GETTY OIL, KERN RIVER COGENERATION PROJ*	CA	11/03/83'	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0063
(86)GILROY ENERGY CO.	CA	08/01/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0122
IBM COGENERATION PROJECT	CA	12/01/84	BAY AREA AQMD	VICTOR REYES	(415)-771-6000	CA-0105
(86)KERN ENERGY CORP.	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0136
(87)KERN FRONT LIMITED	CA	11/04/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0164
KISSIMMEE UTILITIES	FL	03/30/84	FLORIDA DER	TERESA HERON	(904)-488-1344	FL-0029A
(87)MIDWAY - SUNSET PROJECT	CA	01/06/87	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0177
(86)MORAN POWER, INC.	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0138
NEVADA PWR CO., CLARK STATION UNIT #7	NV	10/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	NV-0003
NEVADA PWR CO., CLARK STATION UNIT #8	NV	09/11/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	NV-0005
(86)NORTHERN CALIFORNIA POWER	CA	04/01/85	MENDOCINO COUNTY A*	R. SHAN	(707)-463-4391	CA-0139
NORTHERN CALIFORNIA POWER AGENCY	CA	09/05/84	PLACER COUNTY APCD	KEN SELOVER	(916)-823-4443	CA-0095
NORTHERN NATURAL GAS	KS	03/12/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0015
(87)O'BRIEN ENERGY SYSTEMS/MERCHANTS REFIRG*	CA	12/30/86	MONTEREY BAY APCD	DAVID CRAFT	(408)-443-1135	CA-0189
PANHANDLE EAST. PIPE LINE CO.	KS	11/18/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0016

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PETRO-TEX CHEMICAL CORP.	TX	12/21/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	TX-0130
(87)PG & E, STATION T	CA	08/25/86	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0162
PROCTOR & GAMBLE	CA	06/07/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0067
PRUDHOE BAY CONSORTIUM	AK	09/29/81	EPA REGION X	DAVID TETTA	(206)-442-1193	AK-0004
PUGET SOUND POWER & LIGHT	WA	08/23/82	EPA REGION X	PAUL BOYS	(206)-442-1567	WA-0007
(86)SHELL CALIFORNIA PRODUCTION CO.	CA	04/30/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0112
(87)SIERRA LTD.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0159
SIMPSON COGENERATION PROJECT	CA	01/06/84	SOUTH COAST AQMD	BRIAN YEH	(818)-572-6256	CA-0098
(86)SOUTHEAST ENERGY, INC.	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0137
SOUTHERN CALIF. EDISON CO.	CA	04/25/83	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0047
(86)SUNLAW/INDUSTRIAL PARK 2	CA	06/28/85	SOUTH COAST AQMD	BOB PEASE	(818)-572-6174	CA-0147
SW GAS STORAGE CO., PANHANDLE EAST. PIPE	KS	12/11/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0005
(87)SYCAMORE COGENERATION CO.	CA	03/06/87	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0196
TEXAS EASTERN TRANSMISSION CO.	PA	07/07/82	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0027
TEXAS GULF CHEMICALS CO.	TX	06/11/84	TEXAS ACB	J. RANDALL	(512)-451-5711	TX-0151
TEXAS PETRO CHEMICALS CORP.	TX	06/08/84	TEXAS ACB	J. RANDALL	(512)-451-5711	TX-0152
TOSCO CORP.	CA	12/13/83	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0046B
(86)UNION COGENERATION	CA	01/17/86	BAY AREA AQMD	STEVE HILL	(415)-771-6000	CA-0155
UNIVERSITY CO-GENERATION LTD., 1983-I	CA	03/21/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0064
(87)U.S. BORAX & CHEMICAL CORP.	CA	02/20/87	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0186
VULCAN MATERIALS CO.	KS	07/23/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0009
(87)WESTERN POWER SYSTEM, INC.	CA	03/15/86	FRESNO COUNTY APCD	SIMEON BUGAY	(209)-443-3239	CA-0167
(86)WILLAMETTE INDUSTRIES	CA	04/26/85	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0144
(86)WITCO CHEMICAL CORP.	CA	12/19/84	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0111A
SOURCE TYPE -- 3.2 NATURAL GAS COMPRESSORS						
ALGONQUIN GAS TRANSMISSION CO.	CT	03/05/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	CT-0001
AMR STORAGE CO.	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0015
CO INTERSTATE GAS, CHEYENNE	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0001
CO INTERSTATE GAS, DEERTRAIL	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0002
CO INTERSTATE GAS, FLANK	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0003
CO INTERSTATE GAS, KIT CARSON	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0004

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CO INTERSTATE GAS, TOTEM/LONG	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0005
CO INTERSTATE GAS, WATKINS	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0006
CONSOLIDATED GAS SUPPLY CORP.	WV	09/14/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	WV-0001
EL PASO NATURAL GAS CO., WASHINGTON RAN*	NM	05/14/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0006
ENSERCH EXPLORATION CO.	TX	12/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0133
GETTY OIL CO.	TX	10/12/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0101
LIQUID ENERGY CORP.	TX	11/10/82	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0128
LLANO, INC.	NM	06/22/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0009
MICHIGAN WISCONSIN PIPE LINE CO.	MI	11/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0016
PANHANDLE EAST. PIPE LINE CO.	KS	07/28/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0002
PANHANDLE EAST. PIPE LINE CO., FRED.	CO	11/25/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0010
PANHANDLE EAST., FT. LUPTON	CO	05/29/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0011
PHILLIPS PETROLEUM CO.	TX	12/15/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0125
SANTA FE ENERGY	CA	12/02/82	VENTURA COUNTY	KEITH DUVAL	(805)-654-2664	CA-0073
(86)SHELL CALIFORNIA PRODUCTION	CA	12/02/85	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0078B
SHELL CALIFORNIA PRODUCTION, INC., BELL*	CA	05/29/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0079
SOUTHERN NAT. GAS	AL	01/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0011
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0012
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0013
TENNESSEE GAS PIPELINE CO.	PA	03/01/83	PENNSYLVANIA BAQ, *	WILLIAM CHARLTON	(814)-724-8530	PA-0028
TRANSCONTINENTAL GAS PIPELINE CORP.	LA	10/14/83	LAQD/EPA REGION VI	HARENDRA RAOL	(504)-342-8940	LA-0043
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	09/23/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0013A
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0013
TRANSWESTERN PIPELINE CO., ISLER NO. 1 *	NM	05/06/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0014
TRANSWESTERN PIPELINE CO., KENNITZ STAT*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0012
TRANSWESTERN PIPELINE CO., MALJAMAR STA*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0011
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010A
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010B
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010C
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010D
VALERO TRANSMISSION CO.	TX	09/09/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0104
WESTAR TRANSMISSION CO.	TX	12/07/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0134

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SOURCE TYPE -- 3.3 OTHER INTERNAL COMBUSTION						
(86)AMERICAN COGENERATION CORP.	CA	09/12/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0090A
AMERICAN COGENERATION CO.	CA	12/28/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0090
(86)AMERICAN COGENERATION TECHNOLOGY	CA	09/16/85	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0148
ARGO PETROLEUM, FERNDALE LEASE	CA	09/30/83	VENTURA COUNTY	KEITH DUVAL	(805)-654-2664	CA-0074
CAJUN ELECT. POWER COOP.	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0001
(87)CAROLINA COGENERATION CO., INC.	NC	07/11/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0038
CITY OF AUGUSTA	KS	05/29/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0007
CITY OF KINGMAN	KS	03/01/83	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	KS-0017
CITY OF OTTAWA	KS	12/02/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0004
(87)CITY OF VENTURA WASTEWATER TREATMENT PL*	CA	12/31/86	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0190
EMPIRE DIST. ELECT. CO.	MO	01/07/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0001
EXXON CORP.	TX	01/29/85	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0162
FLORIDA POWER	FL	01/21/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0020
GENERAL MOTORS CORP., PROVING GROUNDS	MI	03/14/84	MICHIGAN DNR	KENNETH TERRY	(517)-322-1333	MI-0026A
(86)GENSTAR GAS RECOVERY SYSTEMS	CA	08/29/85	BAY AREA AQMD	CRAIG ULLERY	(415)-771-6000	CA-0151
GULF STATES UTILITY	LA	01/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0005
GULF STATES UTILITY	LA	12/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0003
(86)HAWAIIAN ELECTRIC	HI	05/08/84	EPA REGION IX	JIM HANSON	(415)-974-8218	HI-0002
HOFFMANN-LAROCHE, INC.	NJ	08/17/81	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0003
KILN-GAS R & D INC.	IL		ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0019
MUNICIPAL GENERATING PLANT	KS		EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0014
NEVADA PWR CO./REID GARDNER STATION	NV	01/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	NV-0004
ORGANIC FUEL PRODUCTION, INC.	TX	02/16/83	TEXAS ACB	GARY WALLIN	(512)-451-5711	TX-0113
P G & E - LOS MEDANOS COMPRESSORS	CA	01/08/81	BAY AREA AQMD	JOHN LAIRD	(415)-771-6000	CA-0106
PACIFIC ENERGY RESOURCES	CA	11/14/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0086
(86)PACIFIC LIGHTING ENERGY	CA	03/01/85	BAY AREA AQMD	CRAIG ULLERY	(415)-771-6000	CA-0103A
PACIFIC LIGHTING ENERGY SYSTEMS	CA	01/28/85	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0103
(87)POPPY RIDGE PARTNERS	CA	09/16/86	SACRAMENTO COUNTY *	A. KENNARD	(916)-366-2107	CA-0175
PRUDHOE BAY CONSORTIUM	AK	12/17/80	EPA REGION X	PAUL BOYS	(206)-442-1193	AK-0003
SANTA CRUZ COGENERATION ASSOC.	CA	07/23/84	MONTEREY BAY UNIFI*	B. NISHIMURA	(408)-443-1135	CA-0101
SEA WORLD, INC.	CA	06/11/82	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	CA-0042

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SEA WORLD, INC.	CA	05/12/83	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	CA-0042A
SEBRING UTILITIES COMMISSION	FL	04/03/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0025
(87)SF SOUTHEAST TREATMENT PLANT	CA	05/01/85	BAY AREA AQMD	STEVE HILL	(415)-771-6000	CA-0171
SHELL OIL CO.	TX	03/27/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0030
SOLEDAD COGENERATION ASSOC.	CA	03/05/84	MONTEREY BAY UNIFI*	B. NISHIMURA	(408)-443-1135	CA-0102
(87)STATE OF UTAH NATURAL RESOURCES	UT	09/01/86	UTAH BAQ	L. MEULUVE	(801)-538-6108	UT-0033
TRENTON DISTRICT ENERGY CO.	NJ	10/29/81	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0002
(87)TRICOUNTY SUN ENERGY SHERATON HOTEL	CA	08/07/86	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0191
(86)WITCO CHEMICAL CORP.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0111
SOURCE TYPE -- 4.1 SURFACE COATING - CANS/COILS						
BALL METAL CONTAINER GROUP	OH	04/10/81	OHIO EPA NWD	DON WALTERMEYER	(419)-352-8461	OH-0035
(86)CONTINENTAL CAN CO.	CA	03/15/85	BAY AREA AQMD	JUDY CUTINO	(415)-771-6000	CA-0143
(86)CONTINENTAL CAN CO.	OH		SOUTHWEST OHIO APCA	JIM SADELFELD	(513)-251-8777	OH-0082
CONTINENTAL CAN CO., USA PLANT #82	OH	07/01/83	REGIONAL APCA	JAMES GROSS	(513)-225-4435	OH-0047
(86)CROWN CORK & SEAL CO., INC.	CA	12/31/85	BAY AREA AQMD	J. CUTINO	(415)-771-6000	CA-0153
EVANS COOPERAGE CO., INC.	OK	05/04/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0015
(86)HEEKIN CAN	OH	01/10/86	SOUTHWEST OHIO APCA	JIM SADELFELD	(513)-251-8777	OH-0081
MILLER BREWING CO.	GA	07/02/79	GEORGIA EPD	HAI CHANG	(404)-656-6900	GA-0011
NATIONAL CAN CORP.	IL	11/09/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0011
PREFINISH METALS	OH	05/04/79	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0039
STROH CONTAINER	OH	08/30/79	OHIO EPA NWD	DON WALTERMEYER	(419)-352-8461	OH-0036
SOURCE TYPE -- 4.2 SURFACE COATING - PAPERS/FABRICS						
ALLIED PRINTERS & PUBLISHERS, INC.	OK	03/13/81	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0016
ARKWRIGHT, INC.	RI	06/05/84	RHODE ISLAND DAHM	DOUG MCVAY	(401)-277-2808	RI-0001
AVERY INTERNAT	OH	06/11/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	OH-0014
BROWN BRIDGE MILLS, DIV. OF KIMBERLY CL*	OH	07/01/85	DAYTON RAPCA	TIM WILSON	(513)-225-4435	OH-0070
(86)CONTAINER CORP. OF AMERICA	CA	01/02/86	BAY AREA AQMD	JOE SLAMOVICH	(415)-771-6000	CA-0152
DIETZGEN CORP.	IL	12/11/80	EPA REGION V	CHRIS ROMAINE	(217)-782-2113	IL-0013

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FRYE COPY SYS, INC	IN	11/07/00	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0019
GAZETTE PRESS PRINTING	CA	12/20/82	BAY AREA AQMD	MOHAMAD MDAZED	(415)-771-6000	CA-0054
H.S. CROCKER CO. PRINTING	CA	03/21/82	BAY AREA AQMD	MOHAMAD MDAZED	(415)-771-6000	CA-0055
INLAND, DIVISION OF G.M. CORP.	OH	09/18/80	REGIONAL APCA	JAMES GROSS	(513)-225-4435	OH-0048
INTERNAT. LABEL MFG. FAC.	TN	03/26/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0004
ITEN FIBRE CO.	OH	12/23/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	OH-0015
MURRAY RUBBER, (MEAD COMPANY)	TX	07/01/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0086
NOM CORP.	OH	07/23/82	RAPCA - DAYTON,OH	THURMAN SMITH	(513)-225-4435	OH-0043
(86)PEACEDALE PROCESSING	RI	11/21/85	RHODE ISLAND DAHM	DOUG MCVAY	(401)-277-2808	RI-0003
STECHER-TRAUNG-SCHMIDT	CA	10/08/82	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0050
(86)STECHER-TRAUNG-SCHMIDT	CA	11/05/85	BAY AREA AQMD	E. LINDER	(415)-771-6000	CA-0050A
SOURCE TYPE -- 4.3 SURFACE COATING - AUTO./LIGHT DUTY TRUCKS						
CHEVROLET - FLINT MANUFACTURING	MI	03/07/84	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0035
CHRYSLER CORP.	MI	06/05/80	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	MI-0008
(87)DIAMOND-STAR MOTORS	IL	08/15/86	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0030
FMC CORP. - SAN JOSE ORDINANCE	CA	06/22/82	BAY AREA AQMD	BRIAN BATEMAN	(415)-771-6000	CA-0059
FORD MOTOR CO.	MI	01/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0017
GENERAL MOTORS CORP.	KY	09/12/84	KENTUCKY DEP	JAMES DILLS	(502)-564-3382	KY-0043
GENERAL MOTORS - TOYOTA JOINT VENTURE	CA	02/22/84	BAY AREA AQMD	JIM TOMICH	(415)-771-6000	CA-0104
GM WORLD WIDE TRUCK DIV	OH	05/13/80	RAPCA - DAYTON,OH	GORBY LEE	(513)-225-4435	OH-0009
VOLKSWAGEN OF AM	MI	06/01/80	MICHIGAN DNR	JON TROUT	(517)-322-1333	MI-0007
SOURCE TYPE -- 4.4 SURFACE COATING - METAL FURNITURE						
(86)HAWORTH, INC.	MI		MICHIGAN DNR	LYNN FIEDLER	(517)-322-1313	MI-0040
KINCAID FURNITURE CO., INC.	NC	10/17/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0031
MERIDIAN, INC.	MI	11/07/84	MICHIGAN DNR	PAUL SCHLEUSENER	(517)-322-1333	MI-0038
STEELCASE, INC.	MI	06/01/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	MI-0018

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SOURCE TYPE -- 4.5 SURFACE COATING - MAGNET WIRE						
PHELPS DODGE, MAGNET WIRE CORP.	KY	03/25/75	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0035
SOURCE TYPE -- 4.6 SURFACE COATING - LARGE APPLIANCES						
SANYO E&E CORP.	CA	08/21/81	SAN DIEGO APCD	LORENZO ALEJANDRIA	(619)-565-3914	CA-0043
SOURCE TYPE -- 4.7 SURFACE COATING - MISC. METAL PARTS/PRODUCTS						
(87)AAR BROOKS & PERKINS	MI	03/31/87	MICHIGAN AQD	DAVE FERRIER	(517)-373-7023	MI-0047
ALENCO DIVISION OF REDMAN BUILDING PROD*	TX	04/17/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0129
AMERICAN METAL DECORATING CO.	CA	03/07/80	BAY AREA AQMD	JOHN PHILLIPS	(415)-771-6000	CA-0053
(87)GENERAL MOTORS CORP.	MI	10/06/86	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0045
GMC, TRUCK & BUS GROUP	MI	05/01/84	MICHIGAN DNR	DAVE FERRIER	(517)-322-1333	MI-0036
MARK IND.	TX	10/20/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0103
SQUARE D CO.	OH	01/25/84	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0060
TIFTON ALUMINUM CO.	LA	01/10/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0044
SOURCE TYPE -- 4.8 SURFACE COATING - FLATWOOD PANELING						
ABITIBI-PRICE CORP.	OH	07/07/83	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0049A
SOURCE TYPE -- 4.9 SOLVENT DEGREASING						
ALLOYTEK	MI	08/05/83	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0033
BRIGGS & STRATTON CORP.	WI	03/04/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0006
(86)EIMAC/VARIAN FAB CENTER	CA	07/12/85	BAY AREA AQMD	CRAIG ULLERY	(415)-771-6000	CA-0146
REGAL INTERNATIONAL, INC.	TX	09/22/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0132

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SOURCE TYPE -- 4.11 WASTE SOLVENT RECLAMATION						
(86)MANVILLE FOREST PRODUCTS	CA	11/06/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0117
SOURCE TYPE -- 4.12 GRAPHIC ARTS						
(87)ALCO GRAVURE	IL	03/01/85	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0031
BEMIS CARPHANE FILMS	WI	08/25/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0003
BEMIS CO.	WI	11/13/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0002
BEMIS SPECIALTY FILMS	WI	12/21/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0004
BROWN PRINTING	KY	07/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0015
COLUMBUS COATED FABRICS	OH	04/29/81	OHIO EPA CO	VICTOR FISHER	(614)-864-3195	OH-0033
CONTAINER CORP. OF AM	IN	10/31/80	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0018
CPS INDUSTRIES	TN		TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0005
(87)DIMAGRAPHICS	OH	12/24/86	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0090
DIVERSIFIED PRINTING	TN	03/10/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0002
(87)GRAVURE PACKAGING, INC.	VA	09/30/85	VIRGINIA APCB	WILLIAM PITTS	(804)-786-4867	VA-0039
(87)J.W. FERGUSSON & SONS, INC.	VA	02/18/87	VIRGINIA APCB	CHARLIE HOLMES	(804)-786-4867	VA-0060
(87)MANVILLE FOREST PRODUCTS CORP.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0117A
MEREDITH/BURDA CORP.	NC	01/07/85	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0010A
(87)MULTI-COLOR CORP.	OH	02/11/87	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0089
R. J. R. ARCHER,INC.	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	NC-0026
R.R. DONNELLEY & SONS CO.	IL	03/18/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IL-0002
(87)R.R. DONNELLEY & SONS CO.	NV	06/21/85	EPA REGION IX	BOB BAKER	(415)-974-8923	NV-0011
SEIPLE LITHOGRAPH CO.	OH		CANTON APCD	ANDY PASKO	(216)-489-3385	OH-0073
SOUTHWEST COLOR PRINTING CORP.	TX	09/22/82	TEXAS ACB	ART KELLOGG	(713)-634-3357	TX-0131
(87)STANDARD PUBLISHING	OH	06/04/86	SOUTHWEST OHIO APCA	JIM SADELFELD	(513)-251-8777	OH-0091
TEXAS COLOR, INC.	TX	03/01/84	TEXAS ACB	A. J. KELLOGG	(512)-451-5711	TX-0148
(87)THE PRESS OF OHIO, INC.	OH	04/09/86	AKRON RAQMD	L. MALCOLM	(216)-375-2480	OH-0084
(86)THE SPECIALTY PAPERS CO.	OH		DAYTON RAPCA	DONNA GORBY-LEE	(513)-225-4435	OH-0016A
(87)THE SPECIALTY PAPERS CO.	OH	12/01/86	OHIO REGIONAL APCA	D. GORBY-LEE	(513)-225-4435	OH-0016B
UNION INDUSTRIES, INC.	RI	04/10/85	RHODE ISLAND DEM	DOUG MCVAY	(401)-277-2808	RI-0002

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UNITED COLOR PRESS	OH	09/17/83	SOUTHWEST OHIO APCA	RAY SILBERNAGEL	(513)-251-8777	OH-0061
(87)UNITED COLOR PRESS	OH	09/03/86	SOUTHWEST OHIO APCA	DEBORAH ASHWORTH	(513)-251-8777	OH-0061A
(87)VIRGINIA GRAVURE, INC.	VA	03/20/86	VIRGINIA APCB	TOM CREASY	(804)-786-4867	VA-0037
(87)WILLIAMSBURG PACKAGING	VA	10/04/85	VIRGINIA APCB	JIM LEHAN	(804)-786-4867	VA-0038
WORLD COLOR PRESS	IL	01/13/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0017
W.F. HALL PRINTING CO.	GA	10/04/82	GEORGIA EPD	BILL FARRISEE	(404)-656-4867	GA-0013
SOURCE TYPE -- 4.13 DRY CLEANING						
(86)TOWN & COUNTRY CLEANERS	OH	07/10/85	SOUTHWEST OHIO APCA	IRENE YUST	(513)-251-8777	OH-0075
SOURCE TYPE -- 4.14 WOOD FURNITURE REFINISHING						
BROYHILL FURNITURE	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0014
(87)HENRY LINK CORP.	NC	04/29/87	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0040
(87)STOW & DAVIS FURNITURE CO.	MI	09/16/86	MICHIGAN DNR	DAVE FERRIER	(517)-373-7023	MI-0043
SOURCE TYPE -- 4.15 OTHER ORGANIC EVAPORATION LOSS						
(87)C & F STAMPING CO.,INC.	KY	01/29/86	KENTUCKY DAPC	GEORGE DAY	(502)-564-3382	KY-0047
CAPITOL MAGNETIC PRODUCTS DIV., CAPITOL*	VA	11/27/84	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0025
(86)CHEMDYNE SITE	OH	06/12/85	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0076
FLUORESCENT EQUIPMENT & MFG CO.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0058
GUARDIAN INDUSTRIES CORP.	TX	06/08/83	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0114
MEREDITH CORP.	IA	04/15/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	IA-0009
MR. SPA, INC.	CA	09/08/83	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2664	CA-0060
PHILLIPS INDUSTRIES, INC.	TX	01/16/85	TEXAS ACB	JIM CUNNINGHAM	(512)-451-5711	TX-0169
PPG INDUSTRIES, INC.	OH	01/06/84	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0059
ROCKWELL INTERNATIONAL	OK	07/08/80	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0012
(87)SCIENTIFIC GAMES	CA	04/05/85	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0168
SOLVENT RESOURCE RECOVERY	OH	07/07/82	RAPCA - DAYTON,OH	GORBY LEE	(513)-225-4435	OH-0044

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U.S. AVIEX CO.	MI	10/14/83	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	MI-0034
(87)WICKLAND	CA	06/01/86	BAY AREA AQMD	STEVE HILL	(415)-771-6000	CA-0173
SOURCE TYPE -- 5.1 PETROLEUM REFINING - SEPARATION						
ARCO PETROLEUM PROD. CO.	CA	04/06/79	EPA REGION IX	RICK SUGAREK	(415)-974-8058	CA-0017
DOW CHEMICAL CO.	TX	12/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0019
GULF STATES OIL & REFINING CO.	TX	12/04/80	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0087
SOURCE TYPE -- 5.2 PETROLEUM REFINING - CONVERSION						
ASHLAND OIL, INC.	KY	09/21/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0026
CHAMPLIN PETROLEUM CO.	CA	03/24/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	CA-0016
CHAMPLIN PETROLEUM CO.	TX	11/13/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0018
CHEVRON	CA	10/06/81	BAY AREA AQMD	JOHN SHANSON	(415)-771-6000	CA-0045B
EXXON CO., USA/BAYWAY REFIN.	NJ	10/27/80	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0001
KOCH REFINING CO.	TX	12/18/84	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0157
TEXAS OLEFINS CO.	TX	11/23/83	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0140
UNITED REFINING CO.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0016
SOURCE TYPE -- 5.3 PETROLEUM REFINING - TREATING						
COLLET VENTURES, INC.	AL	01/12/84	ALABAMA DEM	GEORGE SULLIVAN	(205)-271-7861	AL-0024
ENDEVCO, INC.	AR	12/03/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	AR-0003
(87)HAWAIIAN INDEPENDENT REFINERY, INC.	HI	05/09/84	EPA REGION IX	BOB BAKER	(415)-974-8923	HI-0001A
OIL INTERNATIONAL LTD	MT	03/10/83	STATE OF MONTANA	HARRY KELTZ	(406)-449-3454	MT-0003
PACIFIC REFINING CORP.	CA	09/28/83	BAY AREA AQMD	LEONARD CLAYTON	(415)-771-6000	CA-0056
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	CA-0046
SOURCE TYPE -- 5.4 PETROLEUM REFINING - FEEDSTOCK						

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AMOCO OIL CO.	IN	02/27/81	INDIANA APCD	KEN KEARNEY	(317)-633-0647	IN-0010
ARCO PIPELINE CO.	PA	01/16/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0010
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0026
SOURCE TYPE -- 5.5 PETROLEUM REFINING - AUXILIARY						
ALLIED MATERIALS CORP.	OK	09/30/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0007
AMERICAN PETROFINA CO. OF TEXAS	TX	01/21/83	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0127
AMOCO	TX	12/18/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0020
AMOCO TEXAS REFINING CO.	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0067
ARCO ALASKA, INC.	AK	01/11/85	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0010
CALCASIEU REFIN.	LA	07/22/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0019
CAROLINA REFINING & DIST	GA	09/10/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0001
CHAMPLIN PETROLEUM CO.	TX	04/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0063
CHEVRON USA REF.	MS	12/10/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0007
CHEVRON USA, INC.	CA	04/08/82	BAY AREA AQMD	JOHN SWANSON	(415)-771-6000	CA-0045
(87)CHEVRON USA, INC.	CA	02/06/86	SANTA BARBARA COUN*	BILL MASTER	(805)-964-8111	CA-0174
CITIES SERVICE CO.	LA	01/18/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0038
CLARK OIL CO., WOOD RIVER REFIN.	IL	09/25/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0003
CLARK OIL, MT. AIRY REFINERY	LA	12/22/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0045
COASTAL STATES PETROLEUM	TX	10/14/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0066
CONOCO, INC.	LA	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0008
CONOCO, INC.	LA	08/10/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0010
CRA,INC.	KS	09/04/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0003
CYPRESS REFINING CO., HILL PETROLEUM CO.	LA	01/03/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0027A
DIAMOND SHAMROCK CORP.	TX	09/04/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0034
EXXON CHEMICAL AMERICAS	TX	07/30/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0046
EXXON CO., USA	CA	12/10/80	BAY AREA AQMD	LEONARD CLAYTON	(415)-771-6000	CA-0057
FRIENDSWOOD REFIN.	TX	06/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0022
GETTY OIL CO.	CA	08/24/82	EPA REGION IX	JOE SLANOVICH	(415)-974-8235	CA-0030
GOOD HOPE REFIN., INC.	LA	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0032
GULF OIL CO.	TX	10/13/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0049

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GULF OIL CO.	TX	10/21/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0062
HAWAIIAN INDEPEN. REFIN.	HI	08/18/81	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	HI-0001
HIGH PRAIRIE ENERGY CO.	MT	09/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	MT-0001
HILL PETROLEUM	LA	03/10/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0027
HYDROCARBON RECYCLERS, INC.	OK	05/14/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0014
INDEPENDENT REFIN.	TX	09/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0021
KOCH REFINING CO.	MN	08/18/81	MINNESOTA PCA	AHTO NIEMIOJA	(612)-296-7718	MN-0008
KOCH REFINING CO.	MN	01/25/83	MINNESOTA PCA	AHTO NIEMIOJA	(612)-296-7718	MN-0008A
LONGVIEW REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0029
MAPCO PETROLEUM	AK	02/19/85	ALASKA DEC	DAVE ESTES	(907)465-2666	AK-0011
MARATHON OIL CO.	IL	09/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0007
MARATHON OIL CO.	TX	03/03/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0065
NATIONAL COOP. REFIN. ASSOC.	KS	07/17/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0008
NEDERLAND PROCESSING CO.	TX	10/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0060
PETRACO VALLEY OIL & REFINING CO.	TX	10/15/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0073
PHILLIPS PETROLEUM CO.	TX	10/15/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0052
PROCESS REFINERY CO.	CA	09/19/79	EPA REGION IX	MATT HABER	(415)-974-8058	CA-0013
PROVIDENT ENERGY CO.	AZ	03/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0001
SABER REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0041
(87)SHELL CALIFORNIA PRODUCTION INC.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0112B
(87)SHELL CALIFORNIA PRODUCTION, INC.	CA	08/22/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0161
(87)SHELL CALIFORNIA PRODUCTION, INC.	CA	08/08/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0112C
(87)SHELL CALIFORNIA PRODUCTION, INC.	CA	12/24/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0161B
SIGMORE REFIN. CO.	TX	12/10/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0039
SOHIO ALASKA PETROLEUM CORP.	AK	10/25/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0009
SOUTHERN UNION REFIN.	NM	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	NM-0004
STANDARD OIL	OH	03/08/82	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0038
SUNOCO	PA	03/20/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0001
TENNECO	LA	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0022
TESORO ALASKA PETROLEUM CO.	AK	06/15/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0007
TEXACO, INC.	LA	11/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0007
TEXACO, INC.	LA	04/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0024
TEXACO, INC.	TX	06/20/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0064

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TOSCO CORP.	CA	06/18/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	CA-0007
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	CA-0046A
UNI OIL	TX	03/12/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0061
UNION OIL	IL	06/09/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0028
(86)UNION OIL CO.	CA	03/03/86	EPA REGION IX	ROBERT BAKER	(415)-974-8923	CA-0133
U.S. OIL & REFINING CO.	WA	02/06/85	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0009A
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0029
SOURCE TYPE -- 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
(87)BEACON OIL	CA	11/26/84	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0140
(86)BERRY HOLDING CO.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0113
CHEVRON USA LUBE OIL	CA	04/08/82	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0045A
GARY WESTERN REFIN.	CO	06/24/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0008
HAMPTON ROADS ENERGY CO.	VA	01/25/80	EPA REGION III	EILEEN GLEN	(215)-597-8187	VA-0005
HESS OIL - VIRGIN ISLANDS	VI	02/09/82	EPA REGION II	ED NOWAK	(212)-264-8690	VI-0002
HILL PETROLEUM CO.	LA	10/09/80	EPA REGION VI	JOE WINKLER	(214)-767-2600	LA-0031
MIAMI VALLEY REFIN. CO.	IN	01/07/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0009
MITCHELL ENERGY	TX	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0050
PLACID REFINING CO.	LA	01/17/85	LAQD/EPA REGION VI	INEZ FRICK	(504)-342-8940	LA-0051
SOUND REFINING, INC.	WA	10/17/83	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0010
SOUND REFINING, INC.	WA	10/17/83	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0010A
(86)SUN OIL CO.	CA	10/15/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0114
SUNLAND REFIN. CORP.	CA	09/22/80	EPA REGION IX	DAVID SOLOMON	(415)-454-8066	CA-0003
SWAIN OIL CO.	VA	03/30/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	VA-0002
TENNECO OIL CO.	LA	11/21/84	LAQD/EPA REGION VI	ATLY BRASHER	(504)-342-8940	LA-0022A
VIRGIN ISLANDS REFINERY CORP.	VI	09/04/81	EPA REGION II	ED NOWAK	(212)-264-8690	VI-0001
SOURCE TYPE -- 5.7 BULK TERMINALS						
AMOCO OIL CO., GRANVILLE	WI	06/23/80	WISCONSIN DNR	ELIZABETH SPAETH	(414)-257-4929	WI-0005
ASHLAND PETROLEUM CO.	KY	04/01/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0019

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DAYTANK INC., HOUSTON	TX	02/12/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0108
SOURCE TYPE -- 5.8 BULK PLANTS						
TIME OIL CO.	CA	12/23/80	BAY AREA AQMD	KELLY WEE	(415)-771-6000	CA-0051
SOURCE TYPE -- 5.9 STORAGE OF PETROLEUM LIQUIDS						
(86)ELK HILLS NAVAL PETROLEUM RESERVE #1	CA	04/26/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0156
KERN OIL & REFINING CO.	CA	06/18/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0081
MCKESSON CHEMICAL CO.	OK	10/01/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0011
QUEEN CITY TERMINALS	OH	05/19/82	SOUTHWEST OHIO APCA	HARRY SCHWIETERING	(513)-251-8777	OH-0066
(86)SUN EXPLORATION & PRODUCTION	CA	05/08/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0157
SOURCE TYPE -- 5.11 TRANSPORT & MARKETING - PETROLEUM PRODUCTS						
COLUMBIA GAS TRANSMISSION CORP.	OH	04/13/81	OHIO EPA CO	GEORGE DEMIS	(614)-864-3195	OH-0024
CRYSEN REFINING, WESTERN DIV.	UT	11/12/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	UT-0027
DEPT OF THE NAVY	TX	09/15/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0099
NORTHERN ALASKAN PIPELINE	AK	02/23/81	EPA REGION X	PAUL BOYS	(206)-442-1193	AK-0002
NORTHERN TIER	AK	09/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	AK-0001
SOURCE TYPE -- 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
AMERADA HESS	TX	05/14/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0017
AMOCO PRODUCTION CO.	ND	01/12/83	NORTH DAKOTA SHD	GARY HELBLING	(701)-224-2348	ND-0003
AMOCO PRODUCTION CO.	WY	12/20/79	WYOMING AQD	BERNIE DAILEY	(307)-777-7391	WY-0008
ATW COMPANY	MI	04/28/83	MICHIGAN DNR	LAURA OTHELL	(517)-322-1333	MI-0032
BASS ENTERPRISES PRODUCTION CO.	TX	08/24/84	TEXAS ACB	I.L. BILSKY	(512)-451-5711	TX-0154
CHAMPLIN PETROLEUM CO.	TX	01/11/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0069

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CHAMPLIN PETROLEUM CO.	WY	11/08/83	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0005
CHEVRON USA, INC.	WY	05/28/80	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0009
CIG	WY	08/25/76	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0011
CRYSTAL EXPLORATION CO.	MI	11/30/82	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0029
CRYSTAL OIL CO.	LA	10/19/83	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0046
DELHI GAS PIPELINE CORP.	TX	04/29/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0096
ENDERCO	AR	02/23/83	ARKANSAS DEP	CECIL HARRELL	(501)-562-7444	AR-0011
ETEXAS PRODUCERS GAS CO.	TX	10/05/82	TEXAS ACB	JENNIFER SEINFELD	(512)-451-5711	TX-0123
EXXON CO., USA	TX	02/09/82	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0031
EXXON CO., USA	WY	05/22/84	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0014
LIQUID ENERGY CORP.	NM	12/10/81	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0008
LIQUID ENERGY CORP.	TX	02/11/85	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0128A
MAPCO PRODUCTION CO.	NM	01/14/83	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0007
MARATHON OIL CO.	WY	01/20/83	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0002
MOUNTAIN FUEL SUPPLY	WY	08/01/78	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0010
PACIFIC ALASKA LNG ASSOCIATES	AK	01/30/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0006
PHILADELPHIA GAS WORKS	PA	05/15/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0002
PHILLIPS PETROLEUM CO.	ND	10/25/82	NORTH DAKOTA SHD	GARY HELBING	(701)-224-2348	ND-0002
PHILLIPS PETROLEUM CO.	NM	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	NM-0003
PHILLIPS PETROLEUM CO.	TX	01/30/80	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0045
PIONEER GAS PRODUCTS CO.	TX	09/11/84	TEXAS ACB	E. KASPRZYK	(512)-451-5711	TX-0155
PLACID OIL CO.	LA	09/07/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0056
PLACID OIL CO.	LA	09/07/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0056A
PLACID OIL CO.	LA	09/07/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0056B
PROCESS EQUIPMENT CORP.	MI	03/23/82	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0027
REPUBLIC REFINING CO.	MS	08/03/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0004
SHELL OIL CO.	MI	04/19/83	MICHIGAN DNR	LAURA STEINBERGER	(517)-322-1333	MI-0031
SID RICHARDSON CARBON & GASOLINE CO.	TX	01/14/81	TEXAS ACB	LES MONTGOMERY	(512)-451-5711	TX-0094
UNION TEXAS PETROLEUM CORP.	TX	01/25/85	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0163
WARREN PETROLEUM CO.	CA	04/10/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0068A
WARREN PETROLEUM CO.	NM	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	NM-0005
WARREN RES. CO.	ND	01/12/83	NORTH DAKOTA SHD	TERRY O'CLAIR	(701)-224-2348	ND-0001
	CA	10/19/83	KERN COUNTY APCD	IVAN NEO	(805)-861-3682	CA-0068

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SOURCE TYPE -- 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING						
KERNRIDGE OIL CO.	CA	04/14/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0009
R.A. CHILDS	UT	10/08/82	UTAH BAQ	DON ROBINSON	(801)-533-6108	UT-0030
US OIL & REFINING CO.	WA	08/15/83	PUGET SOUND APCA	HARRY HATTERS	(206)-344-7334	WA-0009
SOURCE TYPE -- 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
AMINOIL USA, INC.	CA	08/04/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	CA-0035
BEREY HOLDING CO.	CA	02/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0008
CHEVRON USA, INC.	CA	07/16/82	EPA REGION IX	BOB BAKER	(415)-974-8215	CA-0037
(87)ELK HILL NAVAL PETROLEUM	CA	04/26/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0156A
EXXON CO	MS	03/04/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0001
GEOKINETICS INC., OIL SHALE	UT	11/13/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0007
GETTY OIL CO.	CA	05/09/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0080
MOBIL OIL CORP.	CA	09/01/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0100
MOBIL OIL CORP.	CA	09/01/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0108
MOBIL OIL EXPLORATION	AL	10/16/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0010
OXY-LOGAN WASH MODIF.1980	CO	06/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0009
PARAHO DEVELOPMENT CORP.	UT	11/16/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	UT-0024
RIO BLANCO OIL SHALE-#1	CO	12/20/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0013
TEXAS TAR SANDS, LTD	TX	06/24/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0085
TOSCO OIL SHALE-1981	UT	12/09/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0020
UNION OIL SHALE #1	CO	05/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0014
WHITE RIVER SHALE OIL CORP.	UT	08/04/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	UT-0025
SOURCE TYPE -- 5.15 OIL AND GAS FIELD SERVICE						
DRLGMUD CO.	TX	12/22/81	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0116
NORTH BELRIDGE DEHY FACILITY	CA	05/25/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0078
SHELL CALIFORNIA PRODUCTION, INC.	CA	10/05/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0078A

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SIGNOR PIPELINE CO.	TX	04/27/78	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0088
SOUTHWESTERN BARGE FLEET SERVICE, INC.	TX	01/10/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0164
UNITED GAS PIPE LINE CO.	TX	05/07/80	TEXAS ACB	JIM CARAWAY	(512)-451-5711	TX-0084
SOURCE TYPE -- 5.16 PETROLEUM INDUSTRY -- OTHER						
BEAR CREEK STORAGE	LA	09/22/79	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0023
CHEVRON USA, INC.	CA	11/21/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0087
CHEVRON USA, INC.	UT	07/08/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	UT-0028
COLORADO INTERSTATE GAS	OK	02/26/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	OK-0006
(86)E.I. DUPONT DE NEMOURS & CO., INC.	TX	03/20/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0170
(86)GETTY SYNTHETIC FUELS, INC.	OH		SOUTHWEST OHIO APCA	DEBORAH ASHWORTH	(513)-251-8777	OH-0077
HOUSTON PIPE LINE CO.	TX	04/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0076
NECHES BUTANE PRODUCTS CO.	TX	01/14/85	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0165
OASIS PIPELINE CO.	TX	10/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0038
ODESSA NATURAL CORP.	TX	03/02/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0028
PANHANDLE EAST. PIPE LINE CO.	OK	05/29/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0008
PANHANDLE EAST. PIPE LINE CO.	OK	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0009
PANHANDLE EAST. PIPE LINE CO.	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0042
PANHANDLE EAST. PIPE LINE CO.	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0044
PANHANDLE EAST. PIPE LINE CO.	TX	02/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0043
PETRO-LEWIS CORP.	CA	02/23/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0058
(86)PETRO-LEWIS CORP.	CA	10/29/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0116
(86)PETRO-LEWIS CORP.	CA	10/29/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0116A
(87)PETRO-LEWIS CORP.	CA	02/10/87	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0116C
REFINERY WASTE GAS RECOVERY	CA	03/19/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0065
SHELL OIL CO.	MS	09/17/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0002
SOUTHERN NAT. GAS	LA	09/11/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	LA-0009
SOUTHERN NAT. GAS	LA	07/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0021
SUN GAS CO.	TX	02/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0026
TEXACO, INC.	LA	07/30/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0012
TEXACO, INC.	LA	07/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0013
TEXACO, INC.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0033

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
TEXACO, INC.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0040
TRUNKLINE LNG CO.	LA	04/25/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0047
UNITED GAS PIPE LINE CO.	LA	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0039
UNITED PIPE LINE CO.	TX	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0070
SOURCE TYPE -- 6.1 ACRYLONITRILE PLANT						
DOW CHEMICAL, USA	WY	09/06/83	WYOMING AQD	DAN FAUTH	(307)-332-3144	WY-0006
SOHIO CHEMICAL CO.	TX	06/04/84	TEXAS ACB	K. NEUMANN	(512)-451-5711	TX-0153
SOURCE TYPE -- 6.2 ACETIC ACID PLANT						
(87)OLD MANSION, INC.	VA	12/17/86	VIRGINIA APCB	CHARLES HOLMES	(804)-786-6079	VA-0047
SOURCE TYPE -- 6.3 ACRYLIC ACID PLANT						
BADISCHE CORP.	TX	08/05/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0047
BADISCHE CORP.	TX	03/31/84	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0047A
(87)VIRGINIA CHEMICALS, INC.	VA	12/05/86	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0050
SOURCE TYPE -- 6.5 ACROLEIN						
UNIROYAL CHEMICAL CO.	LA	02/26/85	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0028A
SOURCE TYPE -- 6.9 ALKYLBENZENE						
CONOCO, INC.	LA	10/08/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0020

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 6.11 BUTADIENE						
GOODYEAR TIRE & RUBBER CO.	TX	01/10/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0166
SOURCE TYPE -- 6.12 CARBON BLACK						
ASHLAND CHEMICAL CO.	LA	06/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0025
ASHLAND CHEMICAL CO.	TX	06/02/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0036
CONTINENTAL CARBON CO.	TX	09/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0035
GREAT LAKES CARBON	AR	12/21/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	AR-0006
PHILLIPS PETROLEUM CO.	OK	01/04/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	OK-0010
SOURCE TYPE -- 6.13 CHARCOAL						
BIG SANDY WOOD IND.	TX	09/03/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	TX-0106
SOURCE TYPE -- 6.14 CHLOROALKALI						
DIAMOND SHAMROCK CORP.	TX	06/20/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0075
SOURCE TYPE -- 6.15 CHLOROBENZENE						
BOFORS NOBEL, INC.	MI	02/25/82	MICHIGAN DNR	DANITA BRANDT	(517)-322-1333	MI-0028
SOURCE TYPE -- 6.24 ETHYLENE AND POLYETHYLENE						
E.I. DUPONT DE NEMOURS	TX	12/27/82	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0121
GULF OIL CHEMICALS	TX	08/17/81	EPA REGION VI	RAGAN BROYLES	(214)-767-1594	TX-0016
TEXAS EASTMAN CO.	TX	05/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0077

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TEX-USS	TX	04/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0037
SOURCE TYPE -- 6.27 ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX	07/31/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0083
SOURCE TYPE -- 6.31 FLUOROCARBONS						
DUPONT	MI	07/15/80	MICHIGAN DNR	DANITA BRANDT	(517)-302-1333	MI-0010
SOURCE TYPE -- 6.32 FORMALDEHYDE						
EXXON CHEMICAL AMERICAS	TX	09/16/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0098
GEORGIA-PACIFIC CORP.	NC	01/17/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0008
INTERNAT. MINERALS & CHEMICAL CORP.	PA	09/12/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0024
SOURCE TYPE -- 6.36 MALEIC ANHYDRIDE						
MONSANTO CO.	FL	03/26/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0023
SOURCE TYPE -- 6.37 METHANOL						
DOW CORNING CORP.	KY	10/16/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0031
GETTY METHANOL CORP.	DE	10/10/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8106	DE-0001
SOURCE TYPE -- 6.42 PAINT & VARNISH						
SUN CHEMICAL CORP.	MI	08/24/82	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	MI-0030

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SOURCE TYPE -- 6.43 PHARMACEUTICAL						
CHEESEBOROUGH PONDS, INC.	NY	03/10/83	NEW YORK DEC	DALE VOLLMER	(315)-428-4484	NY-0011
ELI LILLY	IN	08/04/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0002
MEAD JOHNSON & CO.	IN	03/12/82	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0020
SOURCE TYPE -- 6.45 PHTHALIC ANHYDRIDE						
ASHLAND CHEMICAL CO.	WV	10/07/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0002
KOPPERS	IL	01/12/84	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0029
SOURCE TYPE -- 6.46 PROPYLENE OXIDE						
ARCO CHEMICAL CO.	TX	02/09/84	TEXAS ACB	PETE ROBERTS	(512)-451-5711	TX-0146
SOURCE TYPE -- 6.52 SULFUR RECOVERY						
AMOCO PRODUCTION CO.	TX	10/16/79	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0095
(86)BURZA INTERNATIONAL, LTD.	TX	07/31/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0173
SPONGE, INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0027
TEXACO, INC. - PUGET SOUND REFINERY	WA	02/25/81	NORTHWEST APA	GLEN HALLMAN	(206)-336-5705	WA-0005
SOURCE TYPE -- 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
ASHLAND SYNTHETIC FUELS, INC.	KY	02/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0013
ASHLAND SYNTHETIC FUELS, INC.	KY	12/17/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0023
DEPT OF WATER RESOURCES	CA	06/15/81	EPA REGION IX	BOB BAKER	(415)-974-8229	CA-0005
DOW CHEMICAL, INC., LOUISIANA DIV.	LA	10/13/83	LAQD/EPA REGION VI	JAY GUPTA	(504)-342-8940	LA-0011B

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PACIFIC GAS & ELECTRIC CO.	CA	01/08/80	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0015
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	05/21/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0015A
SACRAMENTO MUNICIPAL UTILITIES DIST.	CA	05/05/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0012
SOURCE TYPE -- 6.54 SYNTHETIC FIBERS						
ALLIED CORP.	NC	08/13/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0034
CELANESE, AMCELLE PLANT	MD	04/03/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0001
(87)C.R. HUDGINS PLATING CO., INC.	VA	05/05/87	VIRGINIA APCB	CHARLES HOLMES	(804)-786-4867	VA-0064
(87)DUPONT	VA	12/15/86	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0045
E.I. DUPONT	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0011
E.I. DUPONT	SC	09/09/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0002
GLOBE MANUFACTURING CO.	NC	02/01/83	NORTH CAROLINA DEM	MIKE SEWELL	(918)-733-7015	NC-0028
GLOBE MANUFACTURING CO.	NC	06/26/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0028A
SPARTAN MILLS	GA	06/13/83	GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0016
SPARTAN MILLS	GA		GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0016A
SOURCE TYPE -- 6.55 SYNTHETIC RUBBER/RUBBER TIRES						
FIRESTONE TIRE CO.	GA	11/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0003
FIRESTONE TIRE CO.	GA	11/13/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0003A
FIRESTONE TIRE CO.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0009
SOURCE TYPE -- 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
B.F. GOODRICH CHEM. GROUP	NJ	07/25/80	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0005
B.F. GOODRICH CHEM. GROUP	NJ	10/06/82	EPA REGION II	PETER FLYNN	(609)-264-2611	NJ-0005A
B.F. GOODRICH CO.	KY	02/06/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0014
B.F. GOODRICH CO.	KY	05/27/82	KENTUCKY EPA	BILL DILLS	(502)-564-3382	KY-0021
FORMOSA PLASTICS	TX	11/18/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0048
SHINTECH, INC.	TX	01/05/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0079A

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SHINTECH, INC.	TX	03/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0079
SOURCE TYPE -- 6.61 ALCOHOL FUEL PRODUCTION						
ADC-I, LIMITED	NE	09/22/83	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	NE-0006
AGRIFUELS REFINING CORP.	LA	11/11/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0050
AM. MODERN FOOD ENERGY SYS	IA	04/15/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0003
ARCHER DANIELS MIDLAND	IL	03/28/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0020
CIRCLE ENERGIES CORP.	NE	01/22/85	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	NE-0007
CONSOLIDATED ENERGY GROUP, LTD.	IA	11/13/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	IA-0005
KENTUCKY AGRICULTURAL ENERGY CORP.	KY	09/13/84	KENTUCKY DAPC	ROGER COOK	(502)-564-3382	KY-0042
MAPEE ALCOHOL FUEL, INC.	TX	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0024
MIDWEST SOLVENTS	IL	03/17/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0026
NEBRASKA ALCOHOL FUEL CORP.	NE	09/21/82	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	NE-0005
NEW ENERGY CORP.	IN	12/03/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0001
NEW ENGLAND ETHANOL, INC.	ME	08/10/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0006
PEAT METHANOL ASSOCIATES	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0024
ROCK ISLAND LIQUID FUELS, INC.	IL	02/01/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0009
SOURCE TYPE -- 6.62 OTHER CHEMICAL						
ADVANCE RESEARCH CHEMICALS, INC.	OK	03/14/84	TULSA CITY-COUNTY *	J. VAN SANDT	(918)-744-1000	OK-0020
AEROJET STRATEGIC PROPULSION	CA	04/01/83	SACRAMENTO APCD	ROBERT KNIGHT	(916)-366-2107	CA-0072
AIR PRODUCTS & CHEMICALS, INC.	LA	07/20/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0049
AIR PRODUCTS & CHEMICALS, INC.	LA	07/20/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0052
AIRCO CARBIDE, DIV. OF AIRCO, INC.	KY	09/06/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0022
AIRCO SPEER	PA	05/20/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0009
AIRCO SPEER	PA	08/15/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0008
AIRCO SPEER CARBON GRAPHITE	LA	06/05/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0016
(86)AKZO CHEMIE AMERICA	TX	08/19/85	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0174
ALLIED CHEMICAL CORP.	LA	11/21/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0035
AMERICAN CHROME & CHEMICAL, INC.	TX	12/29/82	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0122

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AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0083A
ARKANSAS EASTMAN	AR	03/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0002
BASF WYANDOTTE CO.	LA	03/27/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	LA-0014
BOFORS NOBEL, INC.	MI	01/15/85	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1330	MI-0028A
B.F. GOODRICH CHEM. GROUP	KY	02/28/80	KENTUCKY DAPC	JOHN MCCARTHY	(502)-587-3327	KY-0012
B.F. GOODRICH CHEM. GROUP	LA	11/24/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	LA-0015
B.F. GOODRICH CO.	OH	11/30/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	OH-0023
(86)B.F. GOODRICH CO., CHEMICAL DIV.	KY	02/15/80	JEFFERSON COUNTY A*	MICHAEL DEBUSSCHERE	(502)-584-8151	KY-0012A
CONOCO CHEMICAL CO.	TX	10/01/82	TEXAS ACB	ED KASPRZYK	(512)-451-5711	TX-0107
DIAMOND SHAMROCK CORP.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0004
DOW CHEMICAL	TX	10/01/82	TEXAS ACB	L. ROBERTS	(512)-451-5711	TX-0105
DOW CHEMICAL CO.	LA	08/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0011
EMERY INDUSTRIES	OH	10/23/80	SW OHIO APC	JIM BAIRET	(513)-251-8777	OH-0013
ESK CORP.	IL	12/07/78	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0004
EXXON CHEMICAL	LA	05/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0034
(86)EXXON CHEMICAL AMERICAS	TX	08/30/85	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0175
E.I. DUPONT DE NEMOURS	OH	12/08/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0005
E.I. DUPONT DE NEMOURS	TX	04/28/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0027
FERRO CHEMICAL DIV OF FERRO CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0025
HCC CHEMICAL CO.	LA	11/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0018
HIMONT USA, INC.	TX	02/11/85	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0160
ICI AMERICAS, INC.	VA	07/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0016
LITHIUM CORP. OF AMERICA	NC	02/12/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0023
LITHIUM CORP. OF AMERICA	NC	01/23/85	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0023A
MALLINCKRODT, INC	MO	06/17/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0005
MALLINCKRODT, INC.	NC	04/19/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0030
MARATHON OIL CO.	WY	11/21/83	WYOMING AQD	DAN FAUTH	(307)-332-3144	WY-0007
MERCK & CO., KEKO DIVISION	CA	11/20/81	EPA REGION IX	RICK SUGAREK	(415)-974-8224	CA-0036
MEREDITH/BURDA, INC.	NC	07/08/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0010
MOLY CORP., INC.	PA	03/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0018
MONSANTO CO.	IA	11/12/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0010
MONSANTO CO.	TX	08/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0059
M&T CHEMICALS, INC.	KY	03/07/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0005
PHTHALEHEM, INC.	OH	10/11/84	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0067

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PLAINS ELECT. GEN & TRANS	NM	12/29/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	NM-0001
PPG INDUSTRIES, INC.	WV	10/08/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0003
PROCTOR CHEMICAL CO.	NC	02/02/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0029
PROCTOR & GAMBLE	GA	09/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0002
SHELL CHEMICAL CO.	LA	03/07/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0030
SMITH KLINE CORP.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0023
TENNESSEE EASTMAN CO.	TN	06/05/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0001
TENNESSEE EASTMAN CO.	TN	07/02/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0007
UNION CARBIDE	GA	02/10/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0005
UNIROYAL CHEMICAL CO.	LA	09/26/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0028
U.S. BORAX & CHEMICAL CORP.	CA		EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0031
VELSICOL CHEMICAL CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	TN-0016
VULCAN CHEMICALS CO.	LA	10/31/84	LAQD/EPA REGION VI	HAN KILLEEN	(504)-342-8940	LA-0055
WITCO CHEMICAL CORP.	TX	02/11/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0161
(87)W.R. GRACE & CO.	OH	07/23/86	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0092
3M CO., CHEMOLITE	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	MN-0004
SOURCE TYPE -- 7.3 FEED/GRAIN MILLS AND ELEVATORS						
ALLEN PRODUCTS CO., INC.	PA	09/04/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0012
(87)ARCHER DANIELS MIDLAND CO.	IL	06/07/85	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0033
(87)BABCOCK & WILCOX, LAUHOFF GRAIN	IL	03/18/86	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0034
BROOKPORT BARGE POINT,INC	IL	04/03/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0012
BUNGE CORP.	MN	01/08/82	MINNESOTA PCA	GEORGE VASILAKES	(612)-296-7267	MN-0003
CARGILL, INC.	OH	01/19/78	RAPCA - DAYTON,OH	AMY WRIGHT	(513)-225-4435	OH-0011
CARGILL, INC.	VA	06/04/84	VIRGINIA APCB	JAMES LEHAN	(804)-786-1433	VA-0027
CENTRAL SOYA CO., INC.	WA	03/20/81	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0012
INTERSTATE GRAIN CORP.	TN	09/26/83	CHATTANOOGA-HAMILT*	HARVEY RICE	(615)-867-4321	TN-0019
MAXIM FARMS	TX	07/27/83	TEXAS ACB	GARY HALLIN	(512)-451-5711	TX-0138
MONTE CHRISTO GRAIN CO.	TX	01/12/83	TEXAS ACB	GARY HALLIN	(512)-451-5711	TX-0112
	TX	12/07/82	TEXAS ACB	RALPH BOWLER	(512)-451-5711	TX-0118

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	CA	02/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	CA-0010
ANHEUSER-BUSCH, INC.	TX		EPA REGION VI	RAGAN BROYLES	(214)-767-1594	TX-0074
ANHEUSER-BUSCH, INC.	VA	06.16/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0007
COORS CO.	VA	03/19/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	VA-0004
(86)HUDEPOHL BREWING CO.	OH		SOUTHWEST OHIO APCA	HARRY SCHNIETERING	(513)-251-8777	OH-0083
PAUL MASSON VINEYARDS	CA	03/27/81	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	CA-0049
SCHREIER MALTING CO	WI	04/21/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0021
SOURCE TYPE -- 7.6 FERTILIZER PLANTS						
AGRICO CHEMICAL CO.	FL	03/20/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0016
AGRICO CHEMICAL CO.	FL	01/21/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0019
CALIF. AMMONIA (CALAMCO)	CA	05/08/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0001
CHEVRON CO., USA	WY	06/13/84	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0015
CONSERV, INC.	FL	10/02/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0028
GARDINIER, INC.	FL	07/11/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0018
NEW WALES CHEMICALS, INC.	FL	06/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0027
OCCIDENTAL CHEMICAL CO.	FL	01/29/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0005
USS AGRI-CHEMICALS	FL	04/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0001
W R GRACE & CO	FL	04/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0008
WYCON CHEMICALS	WY	07/27/84	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0016
SOURCE TYPE -- 7.7 STARCH MANUFACTURING						
BROCK CANDY CO.	TN	11/15/83	CHATTANOOGA-HAMILT*	HARVEY RICE	(615)-867-4321	TN-0018
CORN PRODUCTS	IL	09/23/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0010
SOURCE TYPE -- 7.8 SUGAR CANE PROCESSING						

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ATLANTIC SUGAR ASSOC.	FL	10/06/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0011
OSCEOLA FARMS CO.	FL	10/28/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0012
SUGAR CANE GROWERS COOP.	FL	05/07/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0010
SOURCE TYPE -- 7.9 FATS/VEGETABLE OILS						
A.E. STALEY	IL	11/14/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0027
GOLD KIST INC., GOLD KIST SOY PLANT	GA	12/09/81	GEORGIA EPD	SUE MCFATHER	(404)-656-4867	GA-0010
OWENSBORO GRAIN CO.	KY	08/24/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0038
QUINCY SOYBEAN	IL	08/18/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0024
SOURCE TYPE -- 7.11 FRUITS/VEGETABLES PROCESSING						
A.E. STALEY MFG. CO.	IA	07/30/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	IA-0004
SNACK FOODS PLANT	CA	10/01/83	KERN COUNTY APCD	THOMAS PAXSON	(805)-861-3682	CA-0061
STANISLAUS FOOD PRODUCT CO.	CA	03/08/84	STANISLAUS COUNTY *	MARK BOESE	(209)-571-6908	CA-0097
SOURCE TYPE -- 7.12 OTHER FOOD & AGRICULTURAL						
(87)ANDERSON CLAYTON FOODS	IL	02/11/85	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0032
A.E. STALEY MFG. CO.	PA	05/27/82	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0026
BLACKWELL LAND CO., INC.	CA	12/26/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0088
BOONE VALLY COOP.	IA	08/28/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0008
(86)CALIFORNIA ALMOND GROWERS EXCHANGE	CA	01/24/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0131
CAMPBELL SOUP CO.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0012
CAMPBELL SOUP CO.	OH	03/20/81	OHIO EPA NWD	SAMIR ARAJ	(419)-352-8461	OH-0034
CARGILL, INC.	SC	02/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0004
CENTRAL SOYA CO., INC.	OH	08/09/79	OHIO EPA NWD	SAMIR ARAJ	(419)-352-8461	OH-0037
CONTINENTIAL GRAIN CO.	AL	04/27/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0025
(86)CUSTOM SEED CO.	TX	08/19/85	TEXAS ACB	JOHN ARGUBRIGHT	(512)-451-5711	TX-0176
FRITO-LAY	CA	11/09/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0085

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(87)FRITO-LAY	CA	07/17/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0085A
(86)FRITO-LAY, INC.	GA	01/24/86	GEORGIA EPD	CURT CHURCHILL	(404)-656-4867	GA-0018
GENERAL FOODS CORP.	DE	12/23/82	DELEWARE DNR	HUGH MENGHI	(302)-736-4791	DE-0005
GRIFFIN INDUSTRIES	IN		INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	IN-0007
HTC INDUSTRIES	TX	11/30/81	TEXAS ACB	GARY HALLIN	(512)-451-5711	TX-0093
(86)J. G. BOSWELL CO.	CA	02/05/85	KINGS COUNTY APCD	MARTIN KEAST	(209)-584-1411	CA-0142
KERN PISTACHIO COOP.	CA	07/25/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0082
KNAPPEN VYLACTOS MOLASSES	MN	10/07/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	MN-0005
LAND O'LAKES INC.	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	MN-0001
PACIFIC ADHESIVES COMPANY OF TEXAS	TX	09/02/82	TEXAS ACB	GARY HALLIN	(512)-451-5711	TX-0097
PRODUCERS COTTON OIL CO.	CA	06/20/80	FRESNO COUNTY APCD	WILLIAM RODDY	(209)-445-3239	CA-0041
RALSTON PURINA, VAN CAMP SEAFOOD DIV.	AS	06/06/83	EPA REGION IX	MATT HABER	(415)-974-8209	AS-0001
R. J. REYNOLDS	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	NC-0027
R. J. REYNOLDS TOBACCO CO.	NC	03/09/79	FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	NC-0025
SALYER GRAIN & MILLING CO.	CA	07/20/83	KINGS COUNTY APCD	MARTIN KEAST	(209)-584-1411	CA-0076
ZALOOM BROTHERS, INC.	CA	01/24/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-8682	CA-0075
SOURCE TYPE -- 8.1 PRIMARY ALUMINUM PRODUCTION						
ALCOA	NC	05/20/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0003
ALCOA	WA	02/12/82	EPA REGION X	PAUL BOYS	(206)-442-1106	WA-0003
ALUMAX PACIFIC CORP.	OR	01/20/83	OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	OR-0002
ARCO ALUMINUM	KY	04/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0017
ARCO METALS CO.	KY	04/19/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0041
COASTAL ALUMINUM	SC	11/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0012
(86)GRANITE CONSTRUCTION CO.	CA	03/16/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0091A
(86)PECKHAM MATERIALS CORP.	CT	05/24/85	CONNECTICUT DEP	ALFRED CONKLIN	(203)-566-8230	CT-0003
(87)REFRACTORY SYSTEM, INC.	VA	07/24/85	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0031
SOURCE TYPE -- 8.2 COKE PRODUCTION						
AIRCO CARBIDE (DIV OF AIRCO, INC.)	KY	08/12/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0002

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BETHLEHEM STEEL CORP.	MD	08/06/79	EPA REGION III	ED VOLLBERG	(215)-597-8179	MD-0006
GRANITE CITY STEEL	IL	06/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0014
GRANITE CITY STEEL	IL	10/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0015
INLAND STEEL CO.	IN	09/22/80	INDIANA APCD	TERRY HOYA	(317)-633-0664	IN-0012
MARTIN MARIETTA CORP.	CA	12/11/80	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	CA-0023
PENNSYLVANIA COKE TECHNOLOGY, INC.	WV	08/06/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0004
REPUBLIC STEEL CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0040
REYNOLDS METALS CO.	LA	11/02/83	LADD/EPA REGION VI	MAN KILLEEN	(504)-342-8940	LA-0048
SOURCE TYPE -- 8.3 PRIMARY COPPER SMELTING						
ASARCO, INC.	WA		PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0011
SOURCE TYPE -- 8.4 FERROALLOY PRODUCTION						
CABOT CORP.	IN	12/05/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	IN-0011
SOURCE TYPE -- 8.5 IRON & STEEL PRODUCTION						
ARMCO STEEL CORP.	MD	12/12/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0009
(86)ARMCO, INC.	OH	07/31/85	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0078
BAYOU STEEL	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0036
BETHLEHEM STEEL CORP.	PA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0017
CAMERON IRON WORKS	TX	10/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0072
CHAPANAL STEEL CO.	TX	01/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0053
FLORIDA STEEL CORP.	FL	01/03/83	FLORIDA DER	BRUCE MITCHELL	(904)-488-1344	FL-0031
FLORIDA STEEL CORP.	TN		TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0011
JONES & LAUGHLIN STEEL CORP.	OH	01/17/84	CLEVELAND DAPC	IKE HABIB	(216)-666-3508	OH-0052
KENTUCKY ELECTRIC STEEL CO.	KY	09/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0028
LUFKIN INDUSTRIES, INC.	TX	05/26/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0023
ROANOKE ELECT. STEEL CO.	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0008

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STD SLAG CO., REPUB. STEEL CORP., #6 BL*	OH	08/19/82	CLEVELAND DAPC	DANIEL NORTON	(216)-664-3508	OH-0042
TIMKEN CO.	OH	12/21/81	CANTON APCD	BRUCE BLANKENSHIP	(216)-489-3385	OH-0022
U.S. STEEL/DUQUESNE WORKS	PA	07/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0006
YORK-HANNOVER SEAMLESS TUBES, INC.	AR	10/01/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0012
YOUNGSTOWN STEEL CORP.	OH		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0021
SOURCE TYPE -- 8.8 SECONDARY ALUMINUM						
ALRECO METALS CO.	MI	09/15/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0002
ALUMINUM CO. OF AMERICA	OH		CLEVELAND DAPC	RUDY ZUPAN	(216)-664-3508	OH-0046
BARMET OF KENTUCKY, INC.	KY	02/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0029
CONSOLIDATED ALUMINUM CORP.	TN	06/05/81	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0013
GMC, CENTRAL FOUNDRY DIV	IN	04/28/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0015
GREATER TENNESSEE METALS, INC.	TN	10/03/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0010
GULF COAST CHEMICALS, INC.	TX	11/24/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0115
KAISER ALUMINUM & CHEMICAL CORP.	IN	11/07/80	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0021
MARTIN MARIETTA OF KENTUCKY	KY	05/18/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0040A
MARTIN MARIETTA OF KENTUCKY	KY	08/17/77	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0040
METAL RESOURCES, INC.	TN	06/25/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0009
REPLACEMENT CORES	OH		CANTON APCD	BRUCE BLANKENSHIP	(216)-489-3385	OH-0068
WILMER PROCESSING DIV.	MI		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	MI-0010
SOURCE TYPE -- 8.11 GRAY IRON FOUNDARIES						
AMERICAN MANUFACTURING CO. OF TEXAS	TX	03/08/83	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0142
BRILLION IRON WORKS	WI	08/03/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0007
CYCLONE IRON FOUNDRIES	TX	07/16/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0090
DANA CORP.	IN	05/11/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0017
FORD MOTOR CO., CASTING DIV.	OH	10/06/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0051A
FORD MOTOR CO., CLEVELAND CASTING PLANT	OH	12/07/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0051
(86)GMC-CENTRAL FOUNDRY DIV., SAGINAW GREY *	MI	03/15/86	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0042
LULING IRON FOUNDRY	TX	01/11/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0056

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LYNCHBURG FOUNDRY	VA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	VA-0014
(87)NEW RIVER CASTINGS CO.	VA	02/25/87	VIRGINIA APCB	H.T. CREASY, JR.	(804)-786-4867	VA-0059
TYLER PIPE INDUSTRIES, INC.	TX	04/03/84	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0147
UNIVERSAL FOUNDRY CO.	WI	06/20/80	WISCONSIN DNR	DAN SCHRAMM	(414)-497-4044	WI-0013
VERMONT CASTINGS	VT	12/23/81	VERMONT AEC	LARRY MILLER	(802)-828-3395	VT-0001
WAUPACA FOUNDRY PLANT #2	WI	01/20/81	WISCONSIN DNR	DALE ZIEGE	(608)-866-0113	WI-0012
W-K-M VALUE DIV. OF ACF INDUSTRIES	TX	02/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0078
SOURCE TYPE -- 8.12 SECONDARY LEAD SMELTING						
HAMMOND LEAD PROD., HALSTAB DIV	IN	11/25/81	HAMMOND APC	RAFIU DANIA	(219)-853-6306	IN-0006
P.B. CO.	IN	07/03/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0016
SOURCE TYPE -- 8.13 SECONDARY MAGNESIUM SMELTING						
ALLIED CHEMICAL CORP.	DE	11/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0002
SOURCE TYPE -- 8.14 STEEL FOUNDARIES						
ABEX CORP.	PA	07/20/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0014
INTERNAT. METALS RECLAMATION CO.	PA	10/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0013
K D STEEL CASTING, INC.	TX	10/03/78	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0089
STRUCTURAL METALS, INC.	TX	05/07/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0092
TEXAS ELECTRIC STEEL CASTING CO.	TX	09/28/82	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0110
SOURCE TYPE -- 8.16 STORAGE BATTERY PRODUCTION/RECLAMATION						
BULLDOG BATTERY	TX	11/08/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	TX-0111
HOUSTON SCRAP METAL CO.	TX	11/15/83	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0137

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SOURCE TYPE -- 8.17 LEAD OXIDE AND PIGMENT PRODUCTION						
DEGUSSA CHEM CORP.	AL	04/07/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0004
POWERLAB, INC.	TX	07/20/79	TEXAS ACB	JIM CARAWAY	(512)-451-5711	TX-0135
SOURCE TYPE -- 8.19 ORE CRUSHING AND GRINDING						
FMC CORP.	NV	01/04/85	NEVADA DEP	DICK SERDOZ	(702)-885-4670	NV-0009
NATIONAL STEEL PELLET CO.	MN	12/08/81	MINNESOTA PCA	JAMES KOLAR	(612)-296-7274	MN-0002
SOURCE TYPE -- 8.22 OTHER METALLURGICAL PROCESSES						
AIRCO CARBON	NY	04/30/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0009
ATLAS MINERALS	UT	12/03/80	UTAH BAQ	DON ROBINSON	(801)-533-6108	UT-0031
CUYAHOGA SMELTING & PROCESSING CO., INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0012
DAYTON WALTHER CORP.	KY	02/26/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0032
DOE FEED MATERIALS PRODUCTION FACILITY	OH	09/19/84	SOUTHWEST OHIO APCA	MARK HINES	(513)-251-8777	OH-0065
FUSION INC.	TX	10/01/82	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0109
LAKE SIDE SLAG	IL	12/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0016
LEVIN FIXTURE CORP.	TX	12/21/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0117
SMITH INTERNATIONAL, INC.	NV	03/24/82	CLARK COUNTY	MIKE NAYLOR	(702)-383-1276	NV-0006
SUPERIOR GRAPHITE	KY	11/05/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0034
TRINITY INDUSTRIES INC	TX	07/24/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0082
WISCONSIN CENTRIFUGAL, INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031
WISCONSIN CENTRIFUGAL, INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031A
WISCONSIN CENTRIFUGAL, INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031B
WISCONSIN CENTRIFUGAL, INC.	WI	05/24/83	WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031C
SOURCE TYPE -- 9.1 ASPHALT BATCHING PLANTS						

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(87)ADAMS CONSTRUCTION CO.	VA	11/01/85	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0035
(87)ADAMS CONSTRUCTION CO.	VA	03/23/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0063
ALBANY	WI	08/01/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	WI-0019
(87)APAC - VIRGINIA, INC.	VA	01/05/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0054
ASPHALT PRODUCTS CORP.	SC	02/14/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0008
(86)AUSTIN PAVING CO.	TX	04/02/85	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0172
BERKS PRODUCTS CORP.	PA	09/12/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0011
B.C.R. PAVING CO.	OH		PORTSMOUTH LAA	FRANK PHILLIPS	(614)-353-5153	OH-0050
B.R. AMON & SONS, INC.	WI	05/23/80	WISCONSIN DNR	MIKE DEBROCK	(715)-362-7616	WI-0018
E.E. MOORE PAVING, INC.	WV	06/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	WV-0010
E.J. BRENEMAN INC.	PA	07/16/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0015
FRANCIS O. DAY CO., INC.	MD	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	MD-0014
GENNARO ASPHALT CO.,INC	OH	07/08/81	OHIO EPA NED	TED DAVIS	(216)-425-9171	OH-0030
HIGHWAY PAVERS, INC.	WI	03/06/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	WI-0017
HORVITZ CO.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0028
INDIANHEAD BLACKTOP INC	WI	07/14/82	WISCONSIN DNR	KRIS MCKINNEY	(608)-267-7542	WI-0025
IVERSION CONSTRUCTION CO., PLATTEVILLE	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	WI-0016
J.F. CLECKLEY & CO.	SC	01/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0007
J.H. RUDOLPH & CO., INC.	IN	01/21/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0005
KEOWN SUPPLY CO.	TX	02/18/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0091
KOKOSING MATERIALS, INC	OH	02/05/82	OHIO EPA CD	JAY MCCOY	(614)-864-3195	OH-0032
(87)LEE HY PAVING CORP.	VA	11/14/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0053
L.A. REYNOLDS	NC	01/16/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0017
(87)MARVIN V. TEMPLETON & SONS, INC.	VA	03/28/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0013A
MATHY CONSTRUCTION CO.	WI	03/19/82	WISCONSIN DNR	DAN JOHNSTON	(605)-267-9500	WI-0023
MATHY CONSTRUCTION CO. PLANT #14	WI	03/01/81	WISCONSIN DNR	JOE ANCEL	(715)-423-5670	WI-0014
(87)MELCO GREEN, INC.	VA	02/12/87	VIRGINIA APCB	H.T. CREASY, JR.	(804)-786-4867	VA-0056
MILLCREEK TOWNSHIP	PA	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0005
MILLER ASPHALT PRODUCTS, INC.	MD	03/16/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0008
MORGANTOWN ASPHALT CO.	WV	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0007
M.A. LAYMAN & SONS	VA	07/16/79	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0012
PAYNE & DOLAN INC.	WI	07/27/82	WISCONSIN DNR	IMELDA STAHN	(608)-266-6876	WI-0024
PAYNE & DOLAN INC., WAUKESHA	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	WI-0015
PIONEER CONCRETE OF TEXAS, INC.	TX	01/29/85	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	TX-0167

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REIN, SCHULTZ, & DAHL	WI	12/03/82	WISCONSIN DNR	DAN JOHNSTON	(608)-267-9500	WI-0027
RGK INDUSTRIES	NC	01/29/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0016
(86)RICHARDS & SON, INC.	OH	01/02/86	PORTSMOUTH LAA	FRANK PHILLIPS	(614)-353-5156	OH-0079
ROCKROAD OF WISCONSIN	WI	09/15/82	WISCONSIN DNR	KATHY CARTWRIGHT	(608)-266-0244	WI-0026
RODNEY RASMUSSEN CO.	UT	01/04/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0019
R.C. COLLET, INC.	CA	07/17/84	PLACER COUNTY APCD	D.W. DIXON	(916)-823-4443	CA-0094
STEELSTONE	ME	11/23/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0002
STEELSTONE INDUSTRIES, INC.	ME	06/08/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0007
STORY ASPHALT-PAVING	AL	03/10/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0006
SUPERIOR SAND & ASPHALT CO.	WV	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0008
SYKESVILLE CONSTRUCTION CO., INC.	MD	04/03/79	EPA REGION III	ED VOLLBERG	(215)-597-8309	MD-0011
TDPS MATERIALS INC.	PA	03/05/84	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0029
TRI-STATE ASPHALT CORP.	OH		OHIO EPA SED	FRED KLINGELHAFER	(614)-385-8501	OH-0031
(87)VIRGINIA PAVING, INC.	VA	03/17/87	VIRGINIA APCB	ROBERT GARRETT	(804)-786-4867	VA-0066
WINDSOR SERVICES, INC.	PA	05/07/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0019
ZARLENGO BROS., INC.	PA	01/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0007
SOURCE TYPE -- 9.2 BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS						
ACME BRICK CO.	TX	01/25/85	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0168
AMERICAN COLLOID	WY	04/16/84	WYOMING AQD	DAN FAUTH	(307)-332-3144	WY-0018
D. M. STEWARD CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	TN-0015
GEORGIA KAOLIN CO.	GA	05/18/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0007
INTERNATIONAL AMERICAN CERAMICS, INC.	OK	04/06/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0019
JOHNS BRICK & TILE CORP.	TX	12/21/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0120
KAISER REFRACTORIES, NATIVIDAD FAC.	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0025
MILCHEM	AR	08/07/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0004
SOURCE TYPE -- 9.3 REFRACTORIES						
JOHN MANSVILLE SALES CORP	TX	01/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0055
KAISER REFRACTORIES	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0026

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SOURCE TYPE -- 9.4 PORTLAND CEMENT MANUFACTURING						
ALAMO CEMENT CO.	TX	10/13/83	TEXAS ACB	ROBERT MAUELL	(512)-451-5711	TX-2239
CALIF. PORTLAND CEMENT CO	CA	01/12/79	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0011
CREOLE CORP.	CA	05/20/80	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0006
DAL-TEX CEMENT	TX	09/03/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	TX-0100
DIXIE CEMENT CO.	TN	09/10/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0006
FLORIDA CRUSHED STONE	FL	03/27/84	FLORIDA DER	BOB KING	(904)-488-1344	FL-0032
FLORIDA CRUSHED STONE	FL	03/27/84	FLORIDA DER	BOB KING	(904)-488-1344	FL-0032A
FLORIDA MINING & MATERIALS CORP.	FL	03/25/81	FLORIDA DER	JOHN SVEC	(904)-488-1344	FL-0024
IDEAL BASIC CEMENT	UT	05/28/82	UTAH DOH	CARL BROADHEAD	(801)-533-6108	UT-0026
KAISER CEMENT & GYPSUM CORP.	CA	12/26/78	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0019
LAS VEGAS PORTLAND CEMENT	NV	02/01/82	EPA REGION IX	BOB BAKER	(415)-974-8215	NV-0007
(87)LONE STAR INDUSTRIES	CA	07/29/86	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0170
LONESTAR FLORIDA PENNSUCO, INC.	FL	03/19/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0015
LONESTAR FLORIDA PENNSUCO, INC.	FL	07/08/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0017
LONESTAR FLORIDA PENNSUCO, INC.	FL	12/28/84	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0017A
LONESTAR INDUSTRIES INC.	TX	02/19/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0058
LONESTAR INDUSTRIES INC.	WA	01/25/82	EPA REGION X	PAUL BOYS	(206)-442-1106	WA-0004
LONESTAR PORTLAND CEMENT	UT	01/16/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0014
MONOLITH PORTLAND CEMENT CO.	CA	12/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0028
NEVADA CEMENT CO.	NV	03/05/85	NEVADA DEP	DICK SERDOZ	(702)-885-4670	NV-0008
SOUTHWESTERN PORTLAND CEMENT CO.	TX	02/26/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0033
SOUTHWESTERN PORTLAND CEMENT CO.	TX	11/05/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	TX-0032
TEXAS CEMENT CO.	TX	05/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0068
SOURCE TYPE -- 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING						
ASH GROVE CEMENT CO.	NE	10/22/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	NE-0001
ATLANTIC CEMENT CO., INC.	MD	11/03/80	EPA REGION III	CARL YORK	(301)-383-2776	MD-0015
BANKS CONSTRUCTION CO.	SC	04/01/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0009

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BEEHIVE CEMENT, SANTAGUIN PLANT	UT	02/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0002
MARTIN MARIETTA-LEAMINGTON	UT	06/06/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0016
SOURCE TYPE -- 9.6 COAL CLEANING						
ETSI						
ETSI	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0008
(87)NORTH AMERICAN TERMINALS	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0009
SOUTHERN CA EDISON COALWATER STATION	OH		SOUTHWEST OHIO APCA	MARK HINES	(513)-251-8777	OH-0093
	CA	12/09/81	EPA REGION IX	DICK GROW	(415)-974-8219	CA-0027
SOURCE TYPE -- 9.7 COAL CLEANING (THERMAL DRYER)						
CONSOL PENNSYLVANIA COAL CO.	PA	05/03/82	EPA REGION III	GREGORY HAM	(215)-597-2745	PA-0025
METTIKI COAL	MD	07/05/78	EPA REGION III	CRAIG HOLDEFER	(301)-383-3147	MD-0016
SOURCE TYPE -- 9.8 GLASS FIBER MANUFACTURING						
CERTAINTEED CORP.						
(87)MANVILLE SALES CORP.	CA	06/22/81	EPA REGION IX	RICK SUGAREK	(415)-974-8062	CA-0024
PABCO INSULATION DIV., FIBERBOARD CORP.	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0085
PPG INDUSTRIES, INC.	TX	02/13/84	TEXAS ACB	BOB MAUEL	(512)-451-5711	TX-0143
	TX	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0081
SOURCE TYPE -- 9.9 FRIT MANUFACTURING						
GUARDIAN INDUSTRIES CORP.	TX	02/18/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0025
SOURCE TYPE -- 9.11 GLASS MANUFACTURING						
(87)AFG INDUSTRIES, INC.	CA	12/08/86	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0182

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BALL CORP.	CA	02/13/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	CA-0020
(87)DIAMOND SHAMROCK CHEMICALS CO.	OH	08/20/86	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0086
(87)FORD MOTOR CO., DEARBORN GLASS PLT	MI	01/30/87	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0046
GUARDIAN INDUSTRIES CORP.	CA	01/16/81	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	CA-0002
(86)LIBBEY - OWENS - FORD CO.	CA	12/17/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0127
PPG INDUSTRIES, INC.	IL	05/29/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0008
PPG INDUSTRIES, INC.	MD	11/07/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0003
SOURCE TYPE -- 9.12 GYPSUM MANUFACTURING						
CONTINENTAL LIME, INC	UT	12/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0005
U.S. GYPSUM	TX	02/13/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0054
SOURCE TYPE -- 9.13 LIME MANUFACTURING						
ARMCO INC. - PIQUA MINERALS	OH	06/15/81	REGIONAL APC	REBECCA POHLMAN	(513)-335-5655	OH-0041
CHEMSTONE CORP.	VA	02/07/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0021
DAN RIVER, INC.	VA	03/22/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	VA-0020
DOMTAR INDUSTRIES, INC.	PA	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0003
J.E. BAKER CO.	OH	02/22/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0008
SOURCE TYPE -- 9.14 MINERAL WOOL MANUFACTURING						
TEXACO, INC.	CA	04/09/80	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0004
U.S. GYPSUM	IN	02/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0004
U.S. GYPSUM	OH	03/11/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0007
SOURCE TYPE -- 9.15 PERLITE MANUFACTURING						
CAROLINA STALITE	NC	11/05/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0018

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SOURCE TYPE -- 9.16 PHOSPHATE ROCK PROCESSING						
ESTECH GENERAL CHEMICALS	FL	01/29/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0021
MOBIL CHEMICAL CO.	FL	03/20/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0009
SOURCE TYPE -- 9.17 STONE QUARRYING, SAND/GRAVEL						
AUSTINVILLE LIMESTONE CO., INC.	VA	05/02/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0023
(87)CARDINAL STONE CO.	VA	02/05/87	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0058
COAL INDUSTRY SERVICES CO.	VA	12/06/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0009
CONCRETE MATERIALS INC.	NY	05/12/80	EPA REGION II	PAUL KAHN	(212)-264-9578	NY-0001
GAF CORP.	PA	02/29/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0022
(87)GRANITE CONSTRUCTION	CA	10/09/86	SACRAMENTO COUNTY *	A. KENNARD	(916)-336-2107	CA-0176
GRANITE CONSTRUCTION CO.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0091
(87)LUCK STONE CORP.	VA	08/15/85	VIRGINIA APCB	TOM CREASY	(804)-786-4867	VA-0041
(87)LUCK STONE CORP.	VA	02/05/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0061
MARTIN MARIETTA AGGREGATES	IN	02/25/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0008
MARYLAND MATERIALS, INC.	MD	10/04/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0012
MID-CONTINENT MATERIALS, INC.	OK	11/19/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0018
(87)OLIVER DE SILVA, INC.	CA	06/02/86	BAY AREA AQMD	GREG STONE	(415)-771-6000	CA-0169
(87)RIM ROCK QUARRIES, INC.	VA	07/18/85	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0032
(87)TARMAC - LONESTAR, INC.	VA	03/30/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0065
(87)VULCAN MATERIALS	VA	02/02/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0062
WALDRON CRUSHED STONE CO.	IN	10/21/80	INDIANA APCD	TED SONDERS	(317)-633-0665	IN-0014
SOURCE TYPE -- 9.18 TACONITE ORE PROCESSING						
CONOCO, INC.	OH	02/23/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0004
TENNESSEE EASTMAN CO.	TN	12/12/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0008
TENNESSEE EASTMAN CO.	TN	09/24/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0014

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SOURCE TYPE -- 9.19 MINING OPERATIONS						
SHELL OIL CO.-BUCKSKIN MINE	WY	03/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	WY-0001
SOURCE TYPE -- 9.21 OTHER MINERAL PRODUCTS INDUSTRY						
AM MATERIALS CONSTRUCTION	WI	04/02/80	WISCONSIN DNR	DONALD WHITE	(715)-836-4268	WI-0008
AMSELCO COAL, FULTON MINE	IN	08/28/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	IN-0013
BADGER MINING CORP.	WI	06/27/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	WI-0009
ENERGY BROTHERS, INC.	WY	10/10/84	WYOMING AQD	BERNIE DAILEY	(307)-777-7391	WY-0017
GENERAL CASTING CORP.	WI	06/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0011
(87)KYANITE MINING CORP.	VA	07/10/85	VIRGINIA APCB	TOM CREASY	(804)-786-4867	VA-0040
LONE STAR POLYMER CONCRETE CO.	VA	01/21/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0018
MELWIRE TRADING CO., INC.	CA	09/01/82	SAN DIEGO APCD	JUDY LAKE	(619)-565-5908	CA-0096
MULLITE CO.	GA	10/07/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0006
PATRICK COAL CORP.	VA	02/08/83	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0017
PPG INDUSTRIES, INC.	NC	10/03/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0015
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN DUNYAK	(214)-767-1594	TX-0014
SOURCE TYPE -- 10.1 KRAFT PULP MILLS						
ALABAMA KRAFT	AL	07/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0007
ALABAMA RIVER PULP CO., INC	AL	11/06/75	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0018
BOWATER CAROLINA CO.	SC	05/03/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0013
(86)BRUNSWICK PULP & PAPER CO.	GA	01/31/86	GEORGIA EPD	D. YARDUMIAN	(404)-656-4867	GA-0019
CHAMPION INTERNAT. CORP.	MI	03/17/81	MICHIGAN DNR	RANDAL TELEZ	(517)-322-1333	MI-0024
CHESAPEAKE CORP.	VA	10/07/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	VA-0001
CHESAPEAKE CORP.	VA	06/10/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0001A
(87)CONSOLIDATED PAPERS, INC.	WI	01/14/87	WISCONSIN DNR	ALLEN HUBBARD	(608)-266-3450	WI-0035
CONTAINER CORP. OF AM	AL	12/21/79	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0014

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CONTAINER CORP. OF AM	FL	04/13/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0026
FEDERAL PAPER BOARD CO., INC.	NC	08/31/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0019
FEDERAL PAPER BOARD CO., INC.	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0019A
FEDERAL PAPER BOARD CO., INC.	NC	10/03/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0019B
GEORGIA-PACIFIC CORP.	LA	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0041
GEORGIA-PACIFIC CORP.	AR	03/19/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0005
(86)GEORGIA-PACIFIC CORP.	FL	11/15/85	FLORIDA DER	BRUCE MITCHELL	(904)-488-1344	FL-0035
GILMAN PAPER CO.	GA	06/29/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0009
HAMMERMILL PAPER	AL	03/26/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0015
INDEPENDENT KRAFT CORP.	AL	02/23/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0020
INTERNATIONAL PAPER CO.	AR	07/05/82	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0007
INTERNATIONAL PAPER CO.	LA	11/18/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0017
INTERSTATE PAPER CORP.	GA	04/16/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	GA-0015
KIRBY FOREST INDUSTRIES	TX	08/14/80	EPA REGION VI	GEORGE KENNEDY	(214)-767-2742	TX-0071
LEAP RIVER FOREST	MS	03/14/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0008
LONGVIEW FIBRE	WA	11/12/80	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	WA-0002
LOUISIANA-PACIFIC BOILER	CA	10/23/80	BAY AREA AQMD	LEW POTTER	(415)-771-6000	CA-0052
(86)NEKOOSA PAPER CO.	AR	10/01/85	ARKANSAS DPCE	MIKE PORTA	(501)-562-7444	AR-0013
OLINKRAFT	LA	10/08/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0037
PORT ST. JOE	FL	02/18/82	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0022
POTLATCH	ID	04/25/83	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0003
SCOTT PAPER	AL	01/15/81	ALABAMA APCD	SUE ROBERTSON	(205)-830-6570	AL-0002
SIMPSON LEE PAPER CO.	CA	09/15/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0032
SIMPSON LEE PAPER CO.	CA	01/14/75	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0032A
SIMPSON LEE PAPER CO.	CA	06/07/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0032B
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0002
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0004
ST REGIS PAPER CO.	ME	03/10/82	MAINE DEP	ROBERT DALLEW	(207)-289-2437	ME-0001A
ST. REGIS PAPER CO.	ME	05/20/82	MAINE DEP	JOHN CHANDLER	(207)-289-2437	ME-0001
UNION CAMP CORP.	AL	11/15/77	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0019
UNION CAMP CORP.	GA	07/01/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0008
UNION CAMP CORP.	SC	02/25/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0014
WESTVACO CORP.	SC	02/24/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0003
WESTVACO CORP. - FINE PAPERS DIV.	KY	03/30/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0033

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WEYERHAEUSER CO.	MS	05/22/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0005
WEYERHAEUSER CO.	WA	01/17/84	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	WA-0013
WILLAMETTE INDUSTRIES, INC.	KY	12/03/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0001A
WILLAMETTE INDUSTRIES, INC.	KY	06/02/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0001
WILLAMETTE INDUSTRIES, INC.	KY	04/30/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0039
WILLAMETTE INDUSTRIES, INC.	KY	08/06/84	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0039A
SOURCE TYPE -- 10.2 WOOD PULPING (OTHER THAN KRAFT)						
APPLETON PAPERS, INC.	WI	09/06/83	WISCONSIN DNR	STEVE KLAFKA	(608)-267-7540	WI-0033
AUGUSTA NEWSPRINT CO.	GA	10/04/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	GA-0014
BEAR ISLAND PAPER CO.	VA	09/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0022
CAROLINA FOREST INDUSTRIES, INC.	SC	06/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0005
(86)CONSOLIDATED PAPERS, INC.	WI	01/10/85	WISCONSIN DNR	DAN JOHNSTON	(608)-267-9500	WI-0034
FLAMBEAU PAPER CORP.	WI	04/28/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0001
(86)FLETCHER PAPER CO.	MI	04/15/86	MICHIGAN DNR	D. FERRIER	(517)-373-7023	MI-0041
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0004
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0005
MACMILLAN BLOEDAL	AL	04/30/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0016
(87)MASONITE CORP.	VA	06/25/86	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0036
PROCTOR & GAMBLE PAPER PRODUCTS CO.	WI	04/29/82	WISCONSIN DNR	DALE ZIEGE	(608)-266-0113	WI-0032A
PROCTOR & GAMBLE PAPER PRODUCTS CO., FO*	WI	06/22/83	WISCONSIN DNR	YESHAVANT DESAI	(414)-497-4062	WI-0032
SUNBELT FOREST PRODUCTS CORP.	AL	04/20/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0009
SOURCE TYPE -- 10.3 HARDBOARD						
ABI TIBI CORP.	NC	03/25/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0002
(86)LOUISIANA PACIFIC CORP.	CA	05/10/85	BUTTE COUNTY APCD	CRAIG GILMORE	(916)-534-4383	CA-0052A
SOURCE TYPE -- 10.4 PLYWOOD PLANTS						

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(87)BRAID S CORP.	OR	09/28/86	OREGON DEQ	DONALD NEFF	(503)-229-6480	OR-0005
EVERGREEN FOREST PRODUCTS	ID	12/30/82	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0005
KIRBY FOREST INDUSTRIES	TX	01/09/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0057
ULTRASYSTEMS INC.	CA	10/06/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0039
SOURCE TYPE -- 10.5 WOODWORKING						
BOHEMIA, INC.	CA	12/26/84	PLACER COUNTY APCD	D.W. DIXON	(916)-823-4443	CA-0093
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0013A
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0013
SOURCE TYPE -- 10.6 OTHER WOOD PRODUCTS						
AUSTELL BOX BOARD CO.	GA	06/29/81	GEORGIA EPD	BILL FARRISEE	(404)-656-4867	GA-0012
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0020
(86)COLLINS & AIKMAN CORP.	NC	03/14/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0036
CROWN WOOD PRODUCTS	NC	01/28/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0022
(87)D-SCAN FURNITURE, INC.	VA	12/12/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0052
EAGLE ENERGY	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0004
GEORGIA-PACIFIC CORP.	NC	01/07/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0007
GEORGIA-PACIFIC CORP.	NC	06/01/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0007A
HOOKER FURNITURE CORP.	VA	02/16/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	VA-0019
HUDSON LUMBER CO.	CA	10/05/81	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0040
(86)HYPONEX CORP.	TX	08/01/85	TEXAS ACB	JOHN ARGUBRIGHT	(512)-451-5711	TX-0177
INTERNATIONAL PAPER CO.	AR	03/25/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0010
J.M. HUBER CORP.	ME	08/25/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0003
LOUISIANA-PACIFIC CORP.	ME	01/27/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0004
(87)LOUISIANA-PACIFIC CORP.	VA	02/17/87	VIRGINIA APCB	H.T. CREASY, JR.	(804)-786-4867	VA-0057
MIAMI PAPER CORP.	OH	06/25/82	RAPCA - DAYTON,OH	GORBY LEE	(513)-225-4435	OH-0020
NATICK PAPERBOARD	MA	04/30/81	EPA REGION I	SARAH SIMON	(617)-223-4448	MA-0003
PACKAGING CORP. OF AM	MI	12/16/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0012
PROCTOR & GAMBLE PAPER PRODUCTS CO.	CA	04/02/80	EPA REGION IX	RAY SEID	(415)-974-8066	CA-0022

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PROCTOR & GAMBLE PAPER PRODUCTS CO.	TX	02/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0080
STONE CONTAINER CORP.	OH	12/23/81	OHIO EPA SED	GLEN GREENWOOD	(614)-385-8501	OH-0003
(87)THIELE KAOLIN CO.	GA	01/20/87	GEORGIA EPD	WILLIAM MONTGOMERY	(404)-656-4867	GA-0021
(87)3M CO.	KY	07/30/85	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0046
SOURCE TYPE -- 11.0 GENERAL MANUFACTURING AND FABRICATION						
AIRCO CARBON	SC	01/11/82	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0011
A.O. SMITH CORP.	WI	06/05/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	WI-0020
BUICK MOTOR DIV., GMC	MI	03/31/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0020
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	NC-0005
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	NC-0006
CAMPBELL SOUP CO.	NC	01/29/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0001
CERTIFIED BRAKE, LEAR SIEGLER, INC.	KY	01/09/85	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0045
CHEVROLT TRUCK ASSEMBLY PLANT	MI	06/25/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0019
CHICAGO & NORTHWESTERN TRANSP. CO.	MI	06/01/80	MICHIGAN DNR	JOHN TROUT	(517)-322-1333	MI-0009
COLT INDUSTRIES - HOLLEY CARBURETOR DIV	TN	05/01/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0003
CRANSTON PRINT WORKS	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0021
FORD MOTOR CO., LIMA ENGINE PLANT	OH	05/14/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0006
GAF CORP.	PA	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0021
GAF CORP.	CA	05/01/79	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0018
GENERAL ELECTRIC CO.	AL	03/08/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0017
GENERAL MOTORS CORP.	KS	04/13/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0006
GM DELCO PRODUCTS DIV	OH	05/11/79	RAPCA - DAYTON,OH	JAMES GROSS	(513)-225-4435	OH-0010
GM HYDRA-MATIC	MI	06/15/79	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0025
GM PROVING GROUND	MI	09/03/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0026
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0006
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0005
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	MI-0021
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	MI-0022
GMC CHEVROLT MOTOR DIV.	MI	03/01/80	MICHIGAN DNR	JOHN VIAL	(517)-322-1333	MI-0023
GREENWOOD MILLS, INC.	SC	09/03/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0001
HILTI INDUSTRIES, INC	OK	08/08/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0017

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IBM CORP.	CA	06/09/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	CA-0038
IBM CORP.	NY	05/12/82	EPA REGION II	PAUL KAHN	(212)-264-9578	NY-0006
(87)IBM CORP.	KY	06/23/78	KENTUCKY DAPC	GEORGE DAY	(502)-564-3382	KY-0037
JOS. SCHLITZ BREWING CO.	KY	08/26/85	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0037A
MIDWEST FEATHER CO.	TX	12/18/84	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0156
OHIO MEDICAL ANESTHETICS	OH	05/04/83	SOUTHWEST OHIO APCA	WALTER ANDERSON	(513)-251-8777	OH-0062
PHILIP MORRIS	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0057
PHOENIX DYE WORKS	VA	05/20/81	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0003
PONTIAC MOTOR DIVISION, GMC	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0056
POOL CO.	MI		MICHIGAN DNR	LYNN FIEDLER	(517)-322-1333	MI-0037
PROCTOR & GAMBLE	TX	09/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0102
(86)ROCKWELL INTERNAT. MICRO ELECT. R&D FAC.	NY	02/25/82	EPA REGION II	EDWARD NOWAK	(212)-264-8690	NY-0007
SAGINAW STEERING GEAR	CA	03/22/85	VENTURA COUNTY APCD	STAN COWEN	(805)-654-2458	CA-0149
TEXAS INSTRUMENTS, INC.	AL	10/15/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0005
TRICO INDUSTRIES, INC.	TX	01/04/84	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0141
UNION UNDERWEAR CO., INC.	TX	01/12/83	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0126
	KY	10/01/84	KENTUCKY DAPC	GERALD GOEBEL		KY-0044
SOURCE TYPE -- 12.0 INSTITUTIONAL/COMMERCIAL						
A.I. DUPONT INSTITUTE	DE	09/16/80	EPA REGION III	JOANNE MCKERNAN	(215)-597-8182	DE-0004
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	TN-0017
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	TN-0017A
(87)FOLSOM PRISON	CA	06/12/86	SACRAMENTO COUNTY *	A. KENNARD	(916)-336-2107	CA-0166
GRIFFISS AIR FORCE BASE	NY	01/28/83	NEW YORK DEC	DAVID PROSSER	(315)-782-0100	NY-0010
LORING AIR FORCE BASE	ME	01/26/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0005
L.D.S. CHURCH WELFARE SQUARE	UT	07/01/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	UT-0029
MALMSTROM AFB	MT	06/01/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	MT-0002
NORFOLK & WESTERN RAILWAY CO.	VA	07/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	VA-0006
NORTHERN MICHIGAN UNIV.	MI	10/20/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0003
RADFORD ARMY AMMUNITION PLANT	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0010
(87)RUSSELL COUNTY PUBLIC SCHOOLS	VA	12/03/86	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4067	VA-0042
SCHAAF LANE GREENHOUSE, INC.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0054

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NOTE - NUMBER IN ( ) BEFORE THE COMPANY NAME INDICATES THE YEAR OF THE BLC SUPPLEMENT THE ENTRY WILL APPEAR IN.
FOR EXAMPLE, (86) SIGNIFIES THE DETAILED LISTING OF THIS ENTRY WILL APPEAR IN THE 1986 BLC SUPPLEMENT.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 05/29/1987

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
(86)SEAMLESS HOSPITAL PRODUCTS	TX	03/15/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0171
SOUTHERLY WASTEWATER TREATMENT	OH	11/03/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0053
UNIVERSITY HOSPITAL	OH		SOUTHWEST OHIO APCA	STANLY KOZEMBA	(513)-251-8777	OH-0029
UNIVERSITY OF CINCINATI	OH	11/13/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0019
UNIVERSITY OF TEXAS AT AUSTIN	TX	02/08/85	TEXAS ACB	JAMES RANDALL	(512)-451-5711	TX-0159
(87)UNIVERSITY OF VIRGINIA	VA	08/22/86	VIRGINIA APCB	TOM CREASY	(804)-786-4867	VA-0030
UNIVERSITY OF WYOMING	WY	03/14/80	WYOMING AQD	ECKART HAAS	(307)-777-7391	WY-0004
UNIV. OF MICH., CEN HEATING PLANT	MI	09/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0011
USAF - CHANUTE BASE	IL	04/01/84	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0025
(87)VA DEPT. OF HIGHWAYS & TRANSPORTATION	VA	11/28/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0051
(86)VANDENBERG AFB, STS PROGRAM	CA	04/08/85	SANTA BARBARA COUN*	DOUG GRAPPLE	(805)-964-8658	CA-0145

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APPENDIX B

TABLE 2 CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE - SUMMARY OF EMISSION LIMITATIONS

NOTE: Table 2 has been deleted from this and future supplemental listing of determinations.

RESERVED FOR FUTURE USE

APPENDIX C

TABLE 2A CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

NOTE: Table 2A is published in total with this supplement. Table 2A is organized by fuel type and boiler size with the boiler size being listed in ascending order within each fuel type category. All boilers are listed regardless of size. Where units of measure were reported in a form other than MM Btu/h, a conversion was performed using the following factors:

250 MM Btu/h heat input is equal to:

29 MW_i, heat input

25 MW_e, output

200,000 lb steam/h output.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE -- 1.1						
ID NUMBER VA-0042 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
RUSSELL COUNTY PUBLIC SC*	VA 10311	250.00LB/H	N	BOILER	CO 1.65LB/H .60T/YR	
					NO2 1.43LB/H .51T/YR	
					PM .40LB/MMBTU 1.32LB/H	
					VOC 3.26LB/H 1.17T/YR	
ID NUMBER OH-0083 SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
HUDEPOHL BREWING CO.	OH 14-967	11.00MMBTU/H	N	BOILER, EXPERIMENTAL, ROT CA*	NOX .64LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 .83LB/MMBTU	B*
					VE 10.00% OPACITY	B*
ID NUMBER VA-0044 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TULTEX CORP.	VA 30244	12.00MMBTU/H	N	BOILER, COAL FIRED, HEINE, 2	CO 4.88LB/H EA 38.50T/YR TOTAL	
					NO2 .35LB/MMBTU 4.22LB/H EA	
					PM .43MMBTU/H 5.20LB/H EA	
					SO2 1.03LB/MMBTU 12.39LB/H EA	
					VOC .50LB/H EA 4.55T/YR TOTAL	
ID NUMBER OH-0054 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
SCHAAF LANE GREENHOUSE, *	OH 13-1093	18.10MMBTU/H	N	BOILER, COAL FIRED	PM .20LB/MMBTU	

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(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX G.
(1) INDICATES ENTRY NOT IN ORDER OF BOILER SIZE IN MMBTU/H. THIS ENTRY DID NOT CONTAIN BOILER (PROCESS) CAPACITY INFORMATION AND THEREFORE COULD NOT BE LISTED IN ORDER OF SIZE.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	2.50LB/MMBTU	
ID NUMBER VA-0019 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
HOOKER FURNITURE CORP.	VA 20523	20.00MMBTU/H	M	BOILER, WOOD/COAL	PM	.30LB/MMBTU	
ID NUMBER UT-0029 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
L.D.S. CHURCH WELFARE SQ* UT		18000.00LB/H STEAM	M	BOILER, COAL FIRED			
					PM	.04GR/DSCF	
					VE	20.00% OPACITY	
ID NUMBER VA-0002 SOURCE TYPE - 5.4 PETROLEUM REFINING - ENTIRE OPERATION							
SWANN OIL CO.	VA 78VA04	29.00MMBTU/H	N	BOILER, STEAM	CO	.60LB/H	B*
					NOX	7.00LB/H	B*
					PM	.50LB/H	B*
					SO2	.20LB/H	B*
ID NUMBER OH-0013 SOURCE TYPE - 6.62 OTHER CHEMICAL							
EMERY INDUSTRIES	OH OHIO 14-312	35.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER OH-0020 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
MIAMI PAPER CORP.	OH 0857190134 B00*	47.30MMBTU/H EA	M	BOILER, STOKER, 2	PM	.15LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER NE-0007 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
CIRCLE ENERGIES CORP.	NE	50.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.50LB/MMBTU INPUT	
					PM	.05LB/MMBTU INPUT	
					SO2	1.16LB/MMBTU INPUT	
ID NUMBER VA-0030 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
UNIVERSITY OF VIRGINIA	VA (3)40200	5500.00T/YR	N	BOILER, COAL FIRED, #1	CO	.19LB/MMBTU	
						9.40LB/H	
					NOX	.60LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						33.00LB/H	
					PM	.45LB/MMBTU	
						22.56LB/H	
					SO2	1.64LB/MMBTU	
						82.12LB/H	
					VOC	.13LB/H	
						.19T/YR	
ID NUMBER MI-0018	SOURCE TYPE - 4.4 SURFACE COATING - METAL FURNITURE						
STEELCASE, INC.	MI 51-80	40000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER IN-0020	SOURCE TYPE - 6.43 PHARMACEUTICAL						
MEAD JOHNSON & CO.	IN PC(65) 1507	40000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.65LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	2.10LB/MMBTU	
ID NUMBER OH-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
FORD MOTOR CO., LIMA ENG*	OH EPA-5-A-80-19	55.00MMBTU/H	N	BOILER, COAL FIRED	PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU 24H	B*
ID NUMBER MI-0026	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GM PROVING GROUND	MI 658-78	40000.00LB/H EA	N	BOILER, COAL FIRED, 4 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER VA-0005	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
HAMPTON ROADS ENERGY CO.	VA 78VA01	60.00MMBTU/H	N	GENERATOR STACK, UTILITY STE*	CO	20.00LB/H	B*
					NOX	106.00LB/H	B*
					PM	34.00LB/H	B*
					SO2	180.00LB/H	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NC-0030	SOURCE TYPE - 6.62 OTHER CHEMICAL						
MALLINCKRODT, INC.	NC 5126	60.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					SO2	1.50LB/MMBTU	
ID NUMBER AL-0025	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
CONTINENTIAL GRAIN CO.	AL 711-0003-X021	60.60MMBTU/H	N	BOILER, COAL FIRED	NOX	.27LB/MMBTU	B*
					PM	.23LB/MMBTU	S*
					SO2	1.10LB/MMBTU	B*
ID NUMBER KY-0023	SOURCE TYPE - 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
ASHLAND SYNTHETIC FUELS,*	KY C-79-121	62.60MMBTU/H	N	BOILER	CO	1.00T/YR	
					NOX	6.00T/YR	
					PM	2.00LB/H	
						10.00T/YR	
					SO2	3.00T/YR	
					VOC	1.00T/YR	
ID NUMBER OH-0069	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CENTRAL STATE UNIVERSITY	OH 08-712	66.00MMBTU	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.60LB/MMBTU	B*
ID NUMBER NE-0005	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEBRASKA ALCOHOL FUEL CO*	NE	66.35MMBTU/H	N	BOILER	NOX	.50LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.16LB/MMBTU	
ID NUMBER OH-0029	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY HOSPITAL	OH 14310702078003	68.00MMBTU/H	M	BOILER, COAL FIRED	PM	.23LB/MMBTU	
					SO2	2.00LB/MMBTU	
ID NUMBER IN-0009	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
MIAMI VALLEY REFIN. CO.	IN PC(15)1485	50000.00LB/H		BOILER, FBC, COAL FIRED	PM	.06LB/MMBTU	
					SO2	.14LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 03/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER WY-0004 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
UNIVERSITY OF WYOMING	WY CT-283 SEE NOTE	73.20MMBTU/H	N	BOILER, COAL, 3 EA, NOTE #1	CO	.12LB/MMBTU	
					NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU NOTE *	N*
					SO2	1.60LB/MMBTU	B*
					VOC	.06LB/MMBTU	
ID NUMBER GA-0018 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL							
FRITO-LAY, INC.	GA 2099-076-9229	75.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.00% SULFUR COAL	B*
					VE	20.00% OPACITY	S*
ID NUMBER VA-0030 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
UNIVERSITY OF VIRGINIA	VA (3)40200	8670.00T/YR	N	BOILER, COAL FIRED, #3	CO	.19LB/MMBTU	
						16.90LB/H	
					NOX	.60LB/MMBTU	
						53.94LB/H	
					PM	.45LB/MMBTU	
						40.56LB/H	
					SO2	1.64LB/MMBTU	
						147.64LB/H	
					VOC	.24LB/H	
						.30T/YR	
ID NUMBER SC-0004 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL							
CARGILL, INC.	SC	80.60MMBTU/H EA	N	BOILER #5 & 6	PM	29.00LB/H	B*
					SO2	326.90LB/H	B*
ID NUMBER ID-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
IDAHO NAT ENGINEERING LA*	ID (R)PSD-X81-11	82.50MMBTU/H	N	BOILER, 2 EA	NOX	.50LB/MMBTU	B*
					PM	.05GR/DSCF	B*
					SO2	99.20LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER MI-0025	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GM HYDRA-MATIC	MI 657-78	60000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.40LB/MMBTU	
ID NUMBER MI-0003	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
NORTHERN MICHIGAN UNIV.	MI 121-80	60000.00LB/H	N	BOILER, COAL FIRED, 3 TOTAL	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.40LB/MMBTU	
ID NUMBER VA-0006	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
NORFOLK & WESTERN RAILWA*	VA 79VA14	82.60MMBTU/H	M	BOILER, COAL FIRED	PM	.23LB/MMBTU	B*
						56.50LB/H	B*
					SO2	2.11LB/MMBTU	B*
						523.10LB/H	B*
ID NUMBER MI-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GMC ASSEMBLY PLANT	MI 208-80	85.00MMBTU/H EA	N	SPREADER-STOKER	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
ID NUMBER MI-0041	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
FLETCHER PAPER CO.	MI 682-84A	70000.00LB/H STEAM		BOILER	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.40LB/MMBTU	
ID NUMBER SC-0001	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GREENWOOD MILLS, INC.	SC SC035	88.40MMBTU	M	BOILER, COAL	NOX	.55LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.41LB/MMBTU	B*
ID NUMBER PA-0020	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CITY OF WILKES-BARRE	PA 79PA23	92.50MMBTU/H	M	BOILER	PM	8.00LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	199.00LB/H	B*
						1.50LB/MMBTU	B*
ID NUMBER VA-0030 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
UNIVERSITY OF VIRGINIA	VA (3)40200	9741.00T/YR	N	BOILER, COAL FIRED, #2R	CO	.19LB/MMBTU	
						10.25LB/H	
					NOX	.60LB/MMBTU	
						57.00LB/H	
					PM	.05LB/MMBTU	
						4.75LB/H	
					SO2	1.64LB/MMBTU	
						155.94LB/H	
					VOC	.25LB/H	
						.35T/YR	
ID NUMBER OH-0005 SOURCE TYPE - 6.62 OTHER CHEMICAL							
E.I. DUPONT DE NEMOURS	OH EPA-5-A-81-1	70000.00LB/H	N	BOILER, COAL FIRED, 2	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER SC-0002 SOURCE TYPE - 6.54 SYNTHETIC FIBERS							
E.I. DUPONT	SC (R)SC-034	97.00MMBTU/H EA	N	BOILER, COAL, #1 & #2	NOX	.70LB/MMBTU	B*
					PM	.09LB/MMBTU	B*
					SO2	1.70LB/MMBTU	B*
ID NUMBER WV-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
MORGANTOWN ENERGY RESEAR*	WV 78WV08	98.30MMBTU/H	N	BOILER, FLUIDIZED BED	NOX	34.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	86.00LB/H	B*
ID NUMBER NE-0006 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
ADC-I, LIMITED	NE	100.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.20LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER VA-0027	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
CARGILL, INC.	VA 60277	106.00MMBTU/H		BOILER, COAL FIRED	PM	.05LB/MMBTU	P*
					SO2	1.52LB/MMBTU	P*
ID NUMBER IL-0032	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
ANDERSON CLAYTON FOODS	IL 84 03 0035	110.00MMBTU/H	M	BOILER	BE	SEE PM LIMITS	
					CO	SEE NOTES	B*
					NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	
					SO2	1.20LB/MMBTU	B*
ID NUMBER VA-0030	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY OF VIRGINIA	VA (3)40200	4596.00T/YR	N	BOILER, COAL FIRED, 85	CO	.19LB/MMBTU	
						21.15LB/H	
					NOX	.60LB/MMBTU	
						67.51LB/H	
					PM	5.00EE-3 LB/MMBTU	
						5.63LB/H	
					SO2	1.64LB/MMBTU	
						184.77LB/H	
					VOC	.30LB/H	
						.16T/YR	
ID NUMBER IA-0005	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
CONSOLIDATED ENERGY GROU*	IA	113.00MMBTU/H	N	BOILER, COAL FIRED, STOKER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						14.90T/YR	B*
					SO2	2.00LB/MMBTU	B*
ID NUMBER NY-0010	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
GRIFFISS AIR FORCE BASE	NY 30130004760029*	113.00MMBTU/H EA	N	BOILER, COAL FIRED, 4	NOX	.62LB/MMBTU	B*
					PM	.05LB/MMBTU	
					SO2	.71LB/MMBTU	

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PROCESS CODE 1.1 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER IL-0025	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
USAF - CHANUTE BASE	IL 83 12 0026	115.00MMBTU/H	N	BOILER, 4	NOX	.60LB/MMBTU	B*
ID NUMBER MO-0005	SOURCE TYPE - 6.62 OTHER CHEMICAL						
MALLINCKRODT, INC	MO	115.10MMBTU/H	M	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
						.30LB/MMBTU FUEL *	
					NOX	.20LB/MMBTU GAS	
					SO2	2.00LB/MMBTU 30D R*	
						2.85LB/MMBTU MAX/D*	
					SO2	1.20LB/MMBTU MAX/D*	
						1.20LB/MMBTU FUEL *	
					SO2	.01LB/MMBTU GAS	
ID NUMBER NC-0036	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
COLLINS & AIKMAN CORP.	NC 5825	117.00MMBTU/H	N	BOILER, COAL FIRED	F	6.40EE-3 LB/MMBTU	
					H2*	.02LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.50LB/MMBTU	
ID NUMBER AL-0022	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
3M CO.	AL 712-0009-X019	120.00MMBTU/H	N	BOILER, COAL FIRED	CO	.20LB/MMBTU	S*
					NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.50LB/MMBTU	B*
ID NUMBER AL-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
SAGINAW STEERING GEAR	AL AL 064	121.40MMBTU/H	M	BOILER, COAL FIRED	PM	1.60LB/H	B*
					SO2	1.50LB/MMBTU	B*
ID NUMBER NC-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MMBTU/H	N	BOILER, COAL FIRED	PM	.30LB/MMBTU	B*

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PROCESS CODE 1.1

REPORT DATE 05/29/1987

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ID NUMBER NC-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MMBTU/H	N	BOILER, COAL FIRED	PM	.30LB/MMBTU	B*
					SO2	1.40LB/MMBTU	B*
ID NUMBER IN-0002	SOURCE TYPE - 6.43 PHARMACEUTICAL						
ELI LILLY	IN EPA-5-A-81-7	123.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
						323.00T/YR	
					PM	.09LB/MMBTU	
						49.60T/YR	
					SO2	1.60LB/MMBTU 3H AV	
ID NUMBER IL-0024	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
QUINCY SOYBEAN	IL 83 05 0033	125.00MMBTU/H	N	BOILER, 2	CO	200.00PPM MAX	B*
					NOX	.70LB/MMBTU	B*
					PM	.08LB/MMBTU	S*
					SO2	1.60LB/MMBTU	B*
ID NUMBER IL-0027	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
A.E. STALEY	IL 83 05 0091	130.00MMBTU/H	N	BOILER	NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER KY-0038	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
OWENSBORO GRAIN CO.	KY C-81-70	130.50MMBTU/H	M	BOILER, COAL FIRED, & FUEL N*	NOX	.70LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER KY-0044	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
UNION UNDERWEAR CO.,	INC. KY C-84-128	136.00MMBTU/H	N	BOILER, COAL FIRED	CO	.21LB/MMBTU	B*
					H2*	24.40T/YR	B*
					NOX	.59LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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ID NUMBER NJ-0004	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CURTISS-WRIGHT CORP.	NJ	137.00MMBTU/H	M	BOILER, PFB	CO	NONE	
					NOX	NONE	
					PM	NONE	
					SO2	.30LB/MMBTU	S*
ID NUMBER TN-0019	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
CENTRAL SOYA CO., INC.	TN 0460-10200202-*	143.10MMBTU/H	N	BOILER, FBC, COAL FIRED	BE	.00LB/H	B*
					CO	.17LB/MMBTU	B*
					F	.00LB/H	B*
					HG	.00LB/H	B*
					NOX	.60LB/MMBTU	B*
					PB	.00LB/H	B*
					PM	.04LB/MMBTU	L*
					SO2	.44LB/MMBTU	B*
					VOC	6.30LB/H	B*
ID NUMBER IA-0008	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
BOONE VALLY COOP.	IA	146.50MMBTU/H	M	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
					SO2	2.00LB/MMBTU	
ID NUMBER IL-0021	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
B.F. GOODRICH CO.	IL 82 03 0046	150.00MMBTU/H	N	BOILER, FLUIDIZED BED, RECIR*	CO	400.00PPM	B*
					NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
						85.00% REDUCTION	B*
ID NUMBER MD-0001	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
CELANESE, AMCELLE PLANT	MD 78MD08-R	110.00MLB/H	N	BOILER, COAL FIRED	PM	9.24LB/H	S*
						40.50T/YR	S*
					SO2	70.23LB/H	P*
						307.60T/YR	P*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER IA-0003 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
AM. MODERN FOOD ENERGY S*	IA	150.00MMBTU/H	N	BOILER, PULV. COAL	NOX	.70LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	2.00LB/MMBTU	B*
ID NUMBER IA-0010 SOURCE TYPE - 6.62 OTHER CHEMICAL							
MONSANTO CO.	IA	150.00MMBTU/H	M	BOILER, SPREADER-STOKER, BB-8	NOX	.60LB/MMBTU 30D R*	B*
					PM	.03LB/MMBTU	B*
					SO2	1.95LB/MMBTU 3H R *	B*
					VE	20.00%, 6 MIN AVG.	B*
ID NUMBER IA-0006 SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING							
A.E. STALEY MFG. CO.	IA	150.00MMBTU/H	M	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	B*
					SO2	1.60LB/MMBTU MAX	B*
						1.20LB/MMBTU 30D AV	B*
ID NUMBER OH-0010 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
GM DELCO PRODUCTS DIV	OH 08-144	150.00MMBTU/H	N	BOILER #4	PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	L*
ID NUMBER KY-0042 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
KENTUCKY AGRICULTURAL EN*	KY C-84-44	155.40MMBTU/H	N	BOILER, FLUIDIZED BED, COAL *	NOX	.50LB/MMBTU	
					PM	10.00LB/H	
					SO2	1.20LB/MMBTU	
ID NUMBER IL-0026 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
MIDWEST SOLVENTS	IL 82 10 0034	170.00MMBTU/H	N	BOILER, FLUIDIZED BED	CO	SEE NOTE	T*
					NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	S*
					SO2	1.20LB/MMBTU 30D AV	N*
						85.00% REDUCTION	N*
ID NUMBER MI-0019 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
CHEVROLT TRUCK ASSEMBLY *	MI 426-79	171.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	

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					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
ID NUMBER TX-0024	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	174.10MMBTU/H	N	GENERATOR, PROCESS STEAM, CO*	NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	.68LB/MMBTU	B*
ID NUMBER ME-0006	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEW ENGLAND ETHANOL, INC.	ME 2191	175.00MMBTU/H	N	BOILER, COAL	NOX	.70LB/MMBTU 2H AV	B*
					PM	.08LB/MMBTU	B*
					SO2	1.60LB/MMBTU	B*
ID NUMBER TX-0074	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	178.00MMBTU/H EA	M	BOILER, COAL, 3	CO	11.20LB/H EA	B*
						.06LB/MMBTU	B*
					NOX	125.00LB/H EA	B*
						.70LB/MMBTU	B*
ID NUMBER AL-0021	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
AMALGAMAIZE CO.	AL 712-0039-X018	179.74MMBTU/H	N	BOILER, COAL FIRED	CO	.20LB/MMBTU	B*
					NOX	.57LB/MMBTU	B*
					PM	.05LB/MMBTU	N*
					SO2	2.27LB/MMBTU	S*
ID NUMBER KY-0012A	SOURCE TYPE - 6.62 OTHER CHEMICAL						
B.F. GOODRICH CO., CHEMI*	KY 49-80	192.30MMBTU/H	N	BOILER, SPREADER STOKER, CO*	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	L*
					SO2	1.00LB/MMBTU	L*
					VE	20.00% OPACITY	S*
ID NUMBER AR-0002	SOURCE TYPE - 6.62 OTHER CHEMICAL						
ARKANSAS EASTMAN	AR (R)PSD-AR-311	193.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER VA-0034 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					SO2	1.60LB/MMBTU	B*
COGENTRIX OF VIRGINIA, I*	VA 50950	200.00MMBTU/H	N	BOILER, 6	CO	.[illegible]LB/MMBTU 49[illegible]B/H	
					NOX	.60LB/MMBTU 120.00LB/H	
					PM	.03LB/MMBTU 6.00LB/H	
					SO2	1.52LB/MMBTU 304.00LB/H	
					VOC	3.00EE-3 LB/MMBTU .70LB/H	
ID NUMBER KY-0007 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
TVA - AFBC PILOT PLANT -*	KY C-80-18	200.00MMBTU/H	N	BOILER, FLUIDIZED BED	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NC-0037 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
COGENTRIX CAROLINA LEASI*	NC 5856	202.00MMBTU/H	N	BOILER, COAL FIRED, 3 EA	CO	.60LB/MMBTU	
					H2*	.02LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.64LB/MMBTU	
ID NUMBER NC-0039 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
COGENTRIX CAROLINA LEASI*	NC 5884	202.00MMBTU/H	N	BOILER, COAL FIRED, 6 EA	AC*	.02LB/MMBTU	
					CO	.60LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.64LB/MMBTU	
ID NUMBER NC-0032 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
COGENTRIX OF NORTH CAROL*	NC 5418	202.00MMBTU/H		BOILER, COAL FIRED, 2 EA	CO	.60LB/MMBTU	

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					NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER NC-0033	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX OF NORTH CAROL*	NC 5492	202.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO	.60LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER NC-0035	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX OF NORTH CAROL*	NC 5543	202.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO	.60LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER KS-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL MOTORS CORP.	KS	205.00MMBTU/H EA	N	BOILER, COAL FIRED, SPREADER*	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU 30D AV	B*
						1.60LB/MMBTU MAX	B*
ID NUMBER CA-0158	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
BMCP	CA 4160001-004	220.00T/D	M	BOILER, CIRCULATING BED, COA*	NOX	.04LB/MMBTU	B*
					PM	.02GR/DSCF	B*
					SO2	.04LB/MMBTU	B*
					VOC	.04LB/MMBTU	B*
ID NUMBER CA-0120	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SCE - BIOGEN POWER PROJE*	CA SE 85-01	212.00MMBTU/H	N	BOILER, CFBC, COAL FIRED	CO	150.00PPM DRY, SEE N*	
						25.20LB/H, SEE NOTE	
					NOX	34.00PPM DRY, SEE N*	
						9.20LB/H, SEE NOTE	
					PM	.01GR/DSCF AT 3% *	

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						4.50LB/H, SEE NOTE	
					SO2	23.00PPM DRY, SEE N*	
						9.40LB/H, SEE NOTE	
					VE	10.00% OPACITY, MAX*	
ID NUMBER OR-0001	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
HARNEY ELECT.	OR (R)PSD-X81-12	221.00MMBTU/H EA	N	BOILER, 2			
					NOX	.50LB/MMBTU	B*
					SO2	.18LB/MMBTU	B*
ID NUMBER NC-0023A	SOURCE TYPE - 6.62 OTHER CHEMICAL						
LITHIUM CORP. OF AMERICA	NC 4540R	221.00MMBTU/H	N	BOILER, COAL FIRED			
					CO	.40LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					SO2	1.56LB/MMBTU	B*
ID NUMBER VA-0004	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
COORS CO.	VA 80VA01	221.00MMBTU EA	N	BOILER, COAL FIRED, 3			
					CO	.40LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	.24LB/MMBTU	
					VE	5.00% OPACITY	B*
					VOC	.02LB/MMBTU	B*
ID NUMBER MI-0012	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
PACKAGING CORP. OF AM	MI 681-80	325000.00LB/H	M	BOILER, 2 TOTAL			
					PM	.10LB/MLB EXHAUST	
					SO2	1.67LB/MMBTU 24H AV	
ID NUMBER GA-0016A	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
SPARTAN MILLS	GA 2211-124-8961	233.00MMBTU/H	M	BOILER, COAL FIRED			
					FL*	2.20LB/H	B*
					H2*	4.70LB/H	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	N*
					SO2	3.49LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 — REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NC-0023	SOURCE TYPE - 6.62 OTHER CHEMICAL						
LITHIUM CORP. OF AMERICA	NC (R)NC-075	233.90MMBTU/H	M	BOILER	NOX	.70LB/MMBTU	N*
ID NUMBER OH-0023	SOURCE TYPE - 6.62 OTHER CHEMICAL						
B.F. GOODRICH CO.	OH 1947030004	238.00MMBTU/H		BOILER, COAL FIRED	CO	.19LB/MMBTU	B*
						200.00T/YR	B*
					NOX	.70LB/MMBTU	B*
						730.00T/YR	B*
					PM	.06LB/MMBTU	B*
						63.00T/YR	B*
					SO2	1.20LB/MMBTU	L*
						1250.00T/YR	L*
ID NUMBER DE-0005	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
GENERAL FOODS CORP.	DE APC 83/074	243.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	3.04LB/MMBTU	
ID NUMBER VA-0033	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
UNION CAMP	VA 60214	245.00MMBTU/H	M	BOILER, COAL FIRED	NOX	643.86T/YR	
					PM	53.66T/YR	
					SO2	1606.00T/YR	
ID NUMBER NC-0011	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
E.I. DUPONT	NC NC-067	245.00MMBTU/H	C*	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
						24.50LB/H	B*
					SO2	2.20LB/MMBTU	B*
ID NUMBER MI-0022	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GMC CADILLAC MOTORS CORP.	MI C-5764 THRU C-*	247.00MMBTU/H	N	BOILER, POWER HOUSE, 3 EA	NOX	.60LB/MMBTU	L*
					PM	.03LB/MMBTU	L*
					SO2	1.10LB/MMBTU	B*

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PROCESS CODE 1.1

REPORT DATE 05/29/1987

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ID NUMBER MI-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GMC ASSEMBLY PLANT	MI 208-80	247.22MMBTU/H EA	N	BOILER, COAL FIRED, 3 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
ID NUMBER AL-0023	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
ALABAMA POWER CO.	AL 4-07-0010-8401*	248.00MMBTU/H T*	N*	BOILER, COAL FIRED	NOX	.60LB/MMBTU	N*
					PM	.05LB/MMBTU	N*
					SO2	1.17LB/MMBTU	B*
ID NUMBER NC-0027	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
R. J. REYNOLDS	NC	248.00MMBTU/H EA	N	BOILER, PULV. COAL FIRED, 5	BE	.006/MMBTU	B*
					CO	.04LB/MMBTU	B*
					F	.00LB/MMBTU	B*
					HG	.006/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PB	.006/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*
ID NUMBER PA-0026	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
A.E. STALEY MFG. CO.	PA 81PA01	249.00MMBTU/H	M	BOILER, COAL	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	
ID NUMBER AL-0017	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL ELECTRIC CO.	AL SEE NOTES	249.00MMBTU/H EA	N	BOILER, 2	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER AL-0009	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073	250.00MMBTU/H	N	BOILER, COAL, #3	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AL-0017	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL ELECTRIC CO.	AL SEE NOTES	266.80MMBTU/H	N	BOILER	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER CA-0180	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
GHF POWER SYSTEMS CO.	CA SJ 86-08	274.00MMBTU/H	N	COMBUSTOR, ATMOSPHERIC FLUID*	CO	200.00PPM AT 3% O2	
					NOX	26.00PPM AT 3% O2	
					SO2	20.20PPM AT 3% O2	
ID NUMBER CA-0129A	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENERATION NATIONAL CO*	CA AP84-190	279.60MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO	SEE NOTE	
					NOX	30.00PPMV AT 3% O2	
						12.00LB/H/UNIT	
					PM	8.00EE-3 GR/SCF AT*	
						10.00LB/H TOTAL	
					SOX	13.00LB/H/UNIT	
ID NUMBER GA-0016	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
SPARTAN MILLS	GA 2211-124-0586	284.40MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER NC-0025	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
R. J. REYNOLDS TOBACCO C*	NC 00405-0004-P	302.60MMBTU/H	M	BOILER	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
					VE	20.00% OPACITY	L*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER IL-0034 SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS							
BABCOCK & WILCOX, LAUHOF*	IL 85 11 0014	309.00MMBTU/H	N	BOILER, COAL FIRED	CO	200.00PPM	
					NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	.00LB/MMBTU	
ID NUMBER SC-0005 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)							
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	311.00MMBTU/H EA	N	BOILER, COAL FIRED, 2	CO	25.60LB/H	B*
						111.80T/YR	B*
					NOX	435.40LB/H	B*
						1901.80T/YR	B*
					PM	62.20LB/H	B*
						271.80T/YR	B*
					SO2	746.40LB/H	B*
						3260.40T/YR	B*
ID NUMBER LA-0018 SOURCE TYPE - 6.62 OTHER CHEMICAL							
HCC CHEMICAL CO.	LA (R)PSD-LA-108	312.50MMBTU/H	N	BOILER, SPREADER STOKER	CO	.10LB/MMBTU COAL	B*
					CO	.04LB/MMBTU RESID*	B*
					CO	.04LB/MMBTU DIST *	B*
					CO	.02LB/MMBTU N. GAS	B*
					NOX	.70LB/MMBTU COAL	B*
					NOX	.30LB/MMBTU RESID*	N*
					NOX	.16LB/MMBTU DIST *	B*
					NOX	.17LB/MMBTU N. GAS	B*
					PM	.02LB/MMBTU COAL	B*
					PM	.02LB/MMBTU RESID*	B*
					PM	.01LB/MMBTU DIST *	B*
					PM	.01LB/MMBTU N. GAS	B*
					SO2	.32LB/MMBTU COAL	B*
					SO2	.14LB/MMBTU RESID*	B*
					SO2	.32LB/MMBTU DIST *	B*
					SO2	.00LB/MMBTU N. GAS	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER GA-0012	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
AUSTELL BOX BOARD CO.	GA 2631-033-7994-C	313.00MMBTU/H	N	BOILER	CO	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MT-0002	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
MALMSTROM AFB	MT	318.00MMBTU/H	M	HEATER, 3	NOX	.50LB/MMBTU	B*
						106.00LB/H	B*
					PM	7.60LB/H	B*
					SO2	.32LB/MMBTU	B*
						67.80LB/H	B*
ID NUMBER LA-0015	SOURCE TYPE - 6.62 OTHER CHEMICAL						
B.F. GOODRICH CHEM. GROUP	LA (R)PSD-LA-326	330.00MMBTU/H	M	BOILER, COAL FIRED	CO	.06LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.33LB/MMBTU	B*
ID NUMBER IN-0001	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEW ENERGY CORP.	IN EPA-5-A-82-1	342.60MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	L*
					SO2	1.20LB/MMBTU 3H AV	
ID NUMBER CA-0092A	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
RIO BRAVO REFINING CO.	CA SJ 85-07	36.00MW		BOILER, FLUIDIZED BED, COAL *	NOX	78.00PPM AT 3% O2	B*
					SO2	20.00PPM AT 3% O2	B*
ID NUMBER CA-0092	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
RIO BRAVO REFINING CO.	CA 4141003	37.50MW	M	BOILER, COAL FIRED	CO	.27LB/MMBTU	L*
					NOX	.20LB/MMBTU	L*
ID NUMBER AL-0017	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL ELECTRIC CO.	AL SEE NOTES	382.40MMBTU/H EA	N	BOILER, 2	CO	.04LB/MMBTU	B*
				BOILER, 2	CO	.04LB/MMBTU	B*

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				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
ID NUMBER CA-0092B SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
RIO BRAVO REFINING CO.	CA SJ 85-06	389.00MMBTU/H	N	BOILER, FLUIDIZED BED, COAL *	CO	105.10LB/H	
					NOX	78.00PPM AT 3% O2 38.90LB/H	
					SO2	20.00PPM AT 3% O2 14.00LB/H	
ID NUMBER MI-0037 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
PONTIAC MOTOR DIVISION, *	MI 124-84	443.00MMBTU/H	N	BOILER	NOX	.50LB/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER AL-0009 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)							
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073	470.00MMBTU/H	N	BOILER, COAL, #2	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				BOILER, COAL, #1	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MI-0020 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
BUICK MOTOR DIV., GMC	MI 535-79	485.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU 30D AV	B*
					PM	.03LB/MMBTU	L*
					SO2	.60LB/MMBTU 30D AV	B*
ID NUMBER IL-0033 SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS							
ARCHER DANIELS MIDLAND C*	IL 85 06 0030	496.00MMBTU/H	N	COMBUSTION UNIT, FLUIDIZED B*	BE	.03LB PM/MMBTU	

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					CO	.25LB/MMBTU	
					NOX	.60LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER AR-0008	SOURCE TYPE - 9.6 COAL CLEANING						
ETSI	AR 700-A	498.00MMBTU/H	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AR-0009	SOURCE TYPE - 9.6 COAL CLEANING						
ETSI	AR 705-A	498.00MMBTU/H	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MI-0014	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
MARQUETTE BOARD OF LT & *	MI 65-80	517.60MMBTU/H	N	BOILER, COAL FIRED	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.40LB/MMBTU	
ID NUMBER TX-0071	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
KIRBY FOREST INDUSTRIES	TX TX-231	530.00MMBTU/H	N	BOILER, POWER	CO	3.12LB/H	B*
						.06LB/MMBTU	B*
					NOX	371.00LB/H	N*
						.70LB/MMBTU	N*
					PM	53.00LB/H	N*
						.01LB/MMBTU	N*
					SO2	636.00LB/H	N*
						1.20LB/MMBTU	N*
ID NUMBER CA-0178	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
MOUNT POSO COGENRATION C*	CA SJ 86-09	50.00MW		BOILER	CO	50.00LB/H	
					NOX	.10LB/MMBTU	T*

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					PM	.01GR/DSCF AT 12%*	
					RA*	.01GR/DSCF AT 12%*	
					SO2	.04LB/MMBTU	T*
ID NUMBER OH-0011	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
CARGILL, INC.	OH 08-124	567.00MMBTU/H	N	BOILER, COAL	NOX	.49LB/MMBTU	
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER LA-0030	SOURCE TYPE - 6.62 OTHER CHEMICAL						
SHELL CHEMICAL CO.	LA	594.00MMBTU/H	N	BOILER, 3 EA	CO	.06LB/MMBTU	B*
						36.00LB/H	B*
					NOX	.70LB/MMBTU	B*
						416.00LB/H	B*
					PM	.09LB/MMBTU	B*
						53.00LB/H	B*
					SO2	1.20LB/MMBTU	B*
						713.00LB/H	B*
ID NUMBER CA-0126A	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CORN PRODUCTS	CA SEE NOTE	620.00MMBTU/H	N	BOILER, CIR. FLUIDIZED BED	CO	SEE NOTE	
						1842.00LB/D	
					NOX	30.00PPMV AT 3% O2	
					PM	10.00LB/H	
						8.00EE-3 GR/DSCF A*	
					SO2	1421.00LB/D	
ID NUMBER CA-0165	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PYROPOWER CORP.	CA 4149001A-004	640.00MMBTU/H	N	COGENERATION UNIT, COAL FIRED	NOX	.09LB/MMBTU	L*
						58.60LB/H	L*
					PM	4.73EE-3 GR/ACF	B*
						7.92LB/H	B*
					SOX	.04LB/MMBTU	L*
						25.00LB/H	L*

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ID NUMBER MI-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
MICHIGAN SOUTH CENTRAL P*	MI 607-78	500000.00LB/H	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
ID NUMBER NY-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
EASTMAN KODAK CO., KODAK*	NY C262800 025 00*	670.00MMBTU/H	N	BOILER, COAL FIRED	BE	.00LB/H	B*
					CO	.05LB/MMBTU	B*
					NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER MI-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
GRAND HAVEN BOARD OF LT *	MI 541-79	710.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU 30D AV	
					PM	.03LB/MMBTU	
					SO2	.84LB/MMBTU 30D AV	
						.80LB/MMBTU 24H AV	
ID NUMBER TN-0001 SOURCE TYPE - 6.62 OTHER CHEMICAL							
TENNESSEE EASTMAN CO.	TN TN 065	780.00MMBTU/H	M	BOILER, COAL FIRED	PM	14.00LB/H	B*
					SO2	936.00LB/H	B*
ID NUMBER TN-0014 SOURCE TYPE - 9.18 TACONITE ORE PROCESSING							
TENNESSEE EASTMAN CO.	TN	780.00MMBTU/H EA	M	BOILER, 2	CO	.07LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.04LB/MMBTU	L*
					SO2	1.20LB/MMBTU	B*
					VOC	.03LB/MMBTU	L*
ID NUMBER MI-0024 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
CHAMPION INTERNAT. CORP.	MI 33-80	812.50MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	N*
					PM	.06LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*

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PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER AR-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
NEKOOSA PAPER CO.	AR 278-AR-3	820.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER LA-0037	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
OLINKRAFT	LA (R)PSD-LA-037	857.00MMBTU/H	N	BOILER	PM	.10LB/MMBTU	B*
					SO2	.73LB/MMBTU	B*
ID NUMBER LA-0042	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
STONE CONTAINER CORP.	LA PSD-LA-505	1023.00MMBTU/H	N	BOILER, COAL FIRED	BE	.00LB/H	B*
					CO	47.60LB/H	B*
						.05LB/MMBTU	B*
					F	.82LB/H	B*
					NOX	716.10LB/H	B*
						.70LB/MMBTU	B*
					PM	102.30LB/H	N*
						.10LB/MMBTU	N*
					SO2	1227.60LB/H	B*
						1.20LB/MMBTU	B*
					VOC	14.30LB/H	B*
ID NUMBER VA-0029	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
VIRGINIA POWER	VA 60163	1129.00MMBTU/H	M	BOILER, COAL FIRED, 2 EA	CO	.02LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.52LB/MMBTU	
					VOC	.00LB/MMBTU	
ID NUMBER SC-0003	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WESTVACO CORP.	SC SC-037	1207.00MMBTU/H	N	BOILER, POWER, COAL	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*

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ID NUMBER FL-0032A SOURCE TYPE - 9.4 PORTLAND CEMENT MANUFACTURING							
FLORIDA CRUSHED STONE	FL FL-090	1234.00MMBTU/H	M	BOILER, FURNACE	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	
						915.00LB/H MAX	
					VE	20.00% OPACITY MAX	
ID NUMBER KY-0007A SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
TENNESSEE VALLEY AUTHORI*	KY C-86-82	1430.00MMBTU/H	M	BOILER, AFBC, COAL FIRED	CO	.40LB/MMBTU	N*
					NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.86LB/MMBTU	N*
					VE	20.00% OPACITY	N*
					VOC	NONE	
ID NUMBER MA-0005 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
HOLYOKE WATER POWER CO.,*	MA APPR. LTR 10-2*	1447.00MMBTU/H	M	COAL COMBUSTION			
					PM	.08LB/MMBTU	R*
					S	1.21LB/MMBTU MONTH*	R*
						1.60LB/MMBTU DAILY*	R*
ID NUMBER WA-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
TACOMA CITY LIGHT	WA (R)PSD-X-82-06	1600.00MMBTU/H	M	BOILER	NOX	.50LB/MMBTU	
						786.00LB/H	
					NOX	2926.00T/YR	
					SO2	.23LB/MMBTU	
						367.00LB/H	
					SO2	1366.00T/YR	
ID NUMBER IA-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
MUSCATINE POWER & WATER	IA	166.00MW	M	BOILER, COAL/OIL/GAS, #9	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	L*
					SO2	.45LB/MMBTU 30D R*	L*

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						.56LB/MMBTU MAX D*	L*
ID NUMBER NY-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
NY STATE ELECT. & GAS - * NY		1750.00MMBTU/H	N	BOILER, MAIN			
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.70LB/MMBTU	B*
						.60LB/MMBTU	B*
ID NUMBER MO-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SIKESTON BOARD OF MUNICI* MO		235.00MW	N	BOILER, STEAM GENERATION, CO*	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER KS-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
BOARD OF PUBLIC UTILITIES KS		246.00MW	N	BOILER, PULV. COAL FIRED	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NM-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
PLAINS ELECT. GEN & TRANS NM (R)PSD-NM-82		2471.00MMBTU/H	N	GENERATOR, STEAM, COAL FIRED	CO	.06LB/MMBTU	B*
					F	.00LB/MMBTU	B*
					NOX	.45LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	.20LB/MMBTU	B*
ID NUMBER CO-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
PLATTE RIVER PWR-RAWHIDE CO		250.00MW	N	BOILER	NOX	.50LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.13LB/MMBTU	B*
ID NUMBER NV-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SIERRA PACIFIC POWER CO. NV (R)NV 77-02		277.00MW	N	BOILER, COAL FIRED, 2	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	

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ID NUMBER UT-0009A SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
INTERMOUNTAIN POWER PROJ*	UT	8352.00MMBTU	M	BOILER, COAL FIRED, 3	NOX .55LB/MMBTU	B*
					PM .02LB/MMBTU	B*
					SO2 .02LB/MMBTU	B*
					VE 20.00% OPACITY	B*
ID NUMBER WI-0028 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WISCONSIN PUBLIC SERVICE*	WI EPA-5-77-A-4	321.00MW	N	BOILER, COAL FIRED	PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
ID NUMBER KS-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SUNFLOWER ELECT. COOP., *	KS	3389.00MMBTU/H	N	BOILER, COAL FIRED	CO .06LB/MMBTU 30D R*	B*
					NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .48LB/MMBTU 30D R*	B*
ID NUMBER AZ-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
ARIZONA PUBLIC SERVICE C*	AZ AZP 78-01	350.00MW	N	BOILER, COAL FIRED	NOX .70LB/MMBTU	N*
					PM .05LB/MMBTU	
					SO2 .07LB/MMBTU	
ID NUMBER AZ-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SALT RIVER PROJECT CORON*	AZ (R)AZP76-1	350.00MW	M	GENERATING UNIT, STEAM	NOX .70LB/MMBTU	N*
					PM .08LB/MMBTU	
					SO2 .80LB/MMBTU	
ID NUMBER AZ-0005 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TUCSON ELECT. POWER CO. *	AZ AZP 79-01	350.00MW	M	GENERATING UNIT, COAL FIRED	NOX .44LB/MMBTU	
					PM .03LB/MMBTU	
					SOX .22LB/MMBTU	
					817.00LB/H	
ID NUMBER AZ-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						

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TUCSON ELECT. POWER CO. *	AZ (R)AZ77-01	350.00MW EA	N	GENERATOR, COAL FIRED, 2	NOX	.70LB/MMBTU	N*
					PM	.03LB/MMBTU	B*
					SO2	.69LB/MMBTU	B*
ID NUMBER IN-0003	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NORTHERN INDIANA PUBLIC *	IN EPA-5-A-80-18	3967.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.62LB/MMBTU	
ID NUMBER UT-0006	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
DESERET GEN & TRANS, MOO*	UT	400.00MW		BOILER, COAL FIRED, 2 EA			
					NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						.02GR/DSCF	B*
					SO2	418.00LB/H	B*
						.06LB/MMBTU	B*
					VE	20.00% OPACITY	
ID NUMBER WI-0029	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WISCONSIN POWER & LIGHT *	WI EPA-5-77-A-3	400.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER FL-0003	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TAMPA ELECT. CO.	FL (R)PSD-FL-040	425.00MW	M	BOILER, COAL FIRED	CO	.01LB/MMBTU	B*
						61.00LB/H	B*
					NOX	.60LB/MMBTU	B*
						2598.00LB/H	B*
					PM	.03LB/MMBTU	N*
						130.00LB/H	N*
					SO2	.82LB/MMBTU	N*
						3576.00LB/H	N*
ID NUMBER CO-0007	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COLORADO UTE-CRAIG UNIT *	CO	214.00T/H SEE N*	M	BOILER			

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					NOX .50LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .20LB/MMBTU	B*
ID NUMBER KY-0009	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
BIG RIVERS ELECT.-D.B. W*	KY C-80-41	4585.00MMBTU/H	EA N	BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER TX-0136	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
LOWER COLORADO RIVER AUT*	TX 9231-34	4735.00MMBTU/H	N	BOILER, LIGNITE FIRED	CO 2627.70T/YR	B*
					HG .13T/YR	B*
					H2* 954.70T/YR	B*
					NOX 12350.20T/YR	B*
					PM 622.00T/YR	B*
					SO2 20736.90T/YR	B*
					VOC 168.20T/YR	B*
ID NUMBER AL-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
AL ELEC COOP INC	AL AL 071	4805.00MMBTU/H	EA N	BOILER, LIGNITE FIRED, 4	CO 470.00LB/H	B*
					2060.00T/YR	B*
					NOX 2883.00LB/H	N*
					12628.00T/YR	N*
					PM 144.00LB/H	N*
					631.00T/YR	N*
					SO2 3603.00LB/H	N*
					16658.00T/YR	N*
ID NUMBER KY-0025	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
LOUISVILLE GAS & ELECT. *	KY C-78-34	4851.00MMBTU/H		HEAT EXCHANGER, INDIRECT	NOX .70LB/MMBTU	
					8924.00T/YR	
					PM .10LB/MMBTU	
					1275.00T/YR	
					SO2 1.20LB/MMBTU	

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						10790.00T/YR	
ID NUMBER KY-0024 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
LOUISVILLE GAS & ELECT. * KY C-79-53		4851.00MMBTU/H	N	HEAT EXCHANGER, INDIRECT	NOX	.70LB/MMBTU	
						8924.00T/YR	
					PM	.10LB/MMBTU	
						1275.00T/YR	
					SO2	1.20LB/MMBTU	
						10790.00T/YR	
ID NUMBER OK-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
GRAND RIVER DAM AUTHORITY OK PSD-OK-51		490.00MW	N	GENERATING STATION, COAL FIR*	PM	.10LB/MMBTU	
						513.10LB/H	
					SO2	1.20LB/MMBTU	
						6157.20LB/H	
ID NUMBER IN-0022 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
INDIANA STATEWIDE RURAL * IN EPA-5-77-A-7		490.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MN-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
MINN. POWER & LIGHT CO.,* MN EPA-5-77-A-6		500.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER SC-0010 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
S.C. PUBLIC SERVICE AUTH* SC P/C-80-190		500.00MW		GENERATOR, #3	CO	.04LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	.41LB/MMBTU	B*
ID NUMBER WY-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
PACIFIC POWER & LIGHT WY CT-23		5020.00MMBTU/H	N	BOILER, COAL	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.20LB/MMBTU 2H AV	B*

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ID NUMBER OK-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
OKLAHOMA GAS & ELECT. CO.	OK (R)PSD-OK-218	5250.00MMBTU/H	M	GENERATING UNIT, COAL FIRED,*	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.46LB/MMBTU	N*
ID NUMBER MD-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
DELMARVA POWER & LIGHT	MD 80MD01	1.20MMT/YR	M	BOILER & STORAGE PILES	PM	.03LB/MBTU	B*
ID NUMBER TX-0005 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
HOUSTON LIGHTING & POWER	TX PSD-TX-33	550.00MW	N	GENERATOR, STEAM ELECTRIC, C*	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
						573.00LB/H	
ID NUMBER OK-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
OKLAHOMA GAS & ELECT. CO.	OK PSD-OK-57	550.00MW	M	BOILER, COAL FIRED	PM	.10LB/MMBTU	
						212.00LB/H	
					SO2	1.20LB/MMBTU	
						6180.00LB/H	
ID NUMBER WY-0013 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
BASIN ELECTRIC POWER COO*	WY CT-36	5513.62MMBTU/H	N	BOILER, COAL	PM	.10LB/MMBTU	N*
					SO2	.20LB/MMBTU	N*
				BOILER, COAL, 2 EA	PM	.10LB/MMBTU	N*
					SO2	.20LB/MMBTU	N*
ID NUMBER NV-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
NEVADA PWR CO.	NV NV-77-01	31250.00T/D	N	BOILER, COAL FIRED, 4	PM	11.40T/YR	
				BOILER, 4 EA	BE	NONE	
					CO	320.00LB/H	B*
						50.00PPM AT 20% EXC*	B*
					F	9.00LB/H	
					HG	NONE	

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					H2* 13.00LB/H	
					NOX 2498.00LB/H	B*
					.44LB/MMBTU	B*
					PM .02LB/MMBTU	B*
					10.00% OPACITY	B*
					SO2 566.00LB/H	B*
					.10LB/MMBTU	B*
ID NUMBER TX-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SOUTHWESTERN PUBLIC SERV*	TX (R)PSD-TX-50	567.00MW	N	TURBINE, STEAM, COAL FIRED	PM .10LB/MMBTU	
					SO2 508.80LB/H	
					1.20LB/MMBTU	
ID NUMBER MD-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
DELMARVA POWER & LIGHT	MD 80MD01	5702.00MMBTU/H	N	BOILER	CO .04LB/MBTU	B*
					NOX .60LB/MBTU	B*
					65.00% EMISSION RED*	B*
					SO2 .60LB/MBTU	B*
					70.00% EMISSION RED*	B*
					VE 20.00% OPACITY STACK	B*
					VOC .01LB/MBTU	B*
ID NUMBER TX-0011 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
HOUSTON LIGHTING & POWER	TX PSD-TX-234	5729.00MMBTU/H	N	BOILER, COAL FIRED	CO .06LB/MMBTU	
					NOX .50LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .36LB/MMBTU	N*
ID NUMBER WI-0030 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WISCONSIN ELEC. POWER CO*	WI EPA-5-76-A-1	500.00MW	N	BOILER, COAL FIRED, 2 EA	PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU COAL	N*
					.80LB/MMBTU OIL	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER FL-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
JACKSONVILLE ELECT. AUTH*	FL (R)PSD-FL-010	600.00MW	N	GENERATING UNIT, STEAM, 2 EA	NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.76LB/MMBTU	B*
ID NUMBER KY-0030 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
CINCINATI GAS & ELECTRIC*	KY C-82-072	6270.00MMBTU/H	N	UNIT #1	NOX	.70LB/MMBTU	
						11550.00T/YR	
					PM	.10LB/MMBTU	
						1650.00T/YR	
					SO2	.84LB/MMBTU	
						13860.00T/YR	
ID NUMBER ND-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
BASIN ELECTRIC POWER COO*	ND	6278.00MMBTU/H	N	BOILER	NOX	2825.00LB/H	B*
						.45LB/MMBTU	B*
					PM	188.00LB/H	N*
						.03LB/MMBTU	N*
					SO2	2637.00LB/H	B*
						.60LB/MMBTU	B*
					SO2	30.00% OF POTENT. C*	
ID NUMBER PA-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
PENNSYLVANIA ELECT. CO.	PA 78PA13	6280.00MMBTU/H	N	BOILER, UTILITY, COAL FIRED	CO	.04LB/MMBTU	N*
					NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.63LB/MMBTU	B*
ID NUMBER MO-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
KANSAS CITY POWER & LIGHT	MO	630.00MW	N	BOILER, PULV. COAL FIRED	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*

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REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER KY-0030 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CINCINATI GAS & ELECTRIC*	KY C-82-072	6313.00MMBTU/H	M	UNIT #2	NOX .70LB/MMBTU 20790.00T/YR	
					PM .10LB/MMBTU 2970.00T/YR	
					SO2 1.20LB/MMBTU 35640.00T/YR	
ID NUMBER IN-0025 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
INDIANAPOLIS POWER & LIG*	IN EPA-5-A-80-8	650.00MW	N	BOILER, COAL FIRED, 3 EA	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 .55LB/MMBTU	
ID NUMBER IA-0011 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
IOWA ELECTRIC LIGHT & PO*	IA	400.00T/H COAL	N	BOILER, COAL FIRED	NOX .50LB/MMBTU 30D R*	B*
					PM .03LB/MMBTU	
					SO2 .60LB/MMBTU DAILY*	B*
					VE 20.00% OPACITY	B*
ID NUMBER NE-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NE PUBLIC POWER DIST./GE*	NE	650.00MW	N	BOILER, STEAM GENERATION, CO*	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER NE-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NEBRASKA PUBLIC POWER DI*	NE	650.00MW		BOILER	CO 50.00PPM	
					NOX .50LB/MMBTU 30D AV	
					PM .03LB/MMBTU	
					SO2 70.00% REMOVAL	
					.38LB/MMBTU 30D AV	
ID NUMBER MO-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
ASSOC. ELECT. COOP., INC.	MO	6588.00MMBTU/H	M	BOILER, PULV. COAL FIRED, UN*	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER KY-0027 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
KENTUCKY UTILITIES - HAN*	KY C-82-123	6650.00MMBTU/H	N	UNIT #1	CO 1397.00T/YR	
					NOX .60LB/MMBTU 17476.00T/YR	
					PM .03LB/MMBTU 874.00T/YR	
					SO2 1.20LB/MMBTU 15768.00T/YR	
				UNIT #2	CO 1397.00T/YR	
					NOX .60LB/MMBTU 17476.00T/YR	
					PM .03LB/MMBTU 874.00T/YR	
					SO2 1.20LB/MMBTU 15768.00T/YR	
ID NUMBER KY-0018 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
EAST KENTUCKY POWER COOP.	KY C-76-46	6760.00MMBTU/H	M	BOILER, PULV. COAL FIRED, DR*	NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
ID NUMBER KY-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
E. KENTUCKY POWER CORP.	KY C-80-67	6760.00MMBTU/H EA	N	BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	B*
ID NUMBER TX-0015 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SW ELECT. POWER	TX	6760.00MMBTU/H	N	BOILER, COAL FIRED, #1	CO .13LB/MMBTU 892.00LB/H UNCONTROL*	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					NOX .60LB/MMBTU	
					4068.00LB/H UNCONTROL*	
					PM 203.00LB/H UNCONTROL*	
					.03LB/MMBTU	
					SO2 .72LB/MMBTU	
					4882.00LB/H UNCONTROL*	
				BOILER, COAL FIRED, #2	CO .13LB/MMBTU	
					892.00LB/H UNCONTROL*	
					NOX .60LB/MMBTU	
					4068.00LB/H UNCONTROL*	
					PM 203.00LB/H UNCONTROL*	
					.03LB/MMBTU	
					SO2 .72LB/MMBTU	
					4882.00LB/H UNCONTROL*	
ID NUMBER TX-0009	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
CENTRAL POWER & LIGHT	TX (R)PSD-TX-365	6781.00MMBTU/H	M	BOILER, COAL FIRED	CO .06LB/MMBTU	B*
					NOX .50LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .39LB/MMBTU	N*
ID NUMBER TX-0012	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
WEST TEXAS UTILITIES CO.	TX 9015	6.80MMBTU/H	N	GENERATOR, STEAM	NOX .50LB/MMBTU	
					PM .03LB/MMBTU	N*
					SO2 .50LB/MMBTU	N*
ID NUMBER TX-0010	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
SW ELECT. POWER	TX (R)PSD-TX-130	6821.00MMBTU/H	N	BOILER, 2 EA	CO .10LB/MMBTU	B*
					NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .90LB/MMBTU	B*
ID NUMBER IA-0002	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
IOWA-ILLINOIS GAS & ELEC*	IA	7000.00MMBTU/H	N	BOILER	NOX .60LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.03LB/MMBTU	B*
					SO2	.86LB/MMBTU 24H AV	B*
						1.05LB/MMBTU 3H AV	B*
ID NUMBER KS-0010	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
KANSAS POWER & LIGHT CO.	KS	720.00MW EA	M	BOILER, COAL FIRED, #3 & 4	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER LA-0002	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SW ELECT. POWER	LA (R)PSD-LA-117	720.00MW	M	BOILER, COAL FIRED	CO	.80LB/MMBTU	B*
				BOILER, COAL FIRED	CO	.80LB/MMBTU	B*
				BOILER, COAL FIRED	NOX	.60LB/MMBTU	N*
				BOILER, COAL FIRED	NOX	.60LB/MMBTU	N*
				BOILER, COAL FIRED	PM	.10LB/MMBTU	B*
				BOILER, COAL FIRED	PM	.03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2	1.20LB/MMBTU	N*
				BOILER, COAL FIRED	SO2	.60LB/MMBTU	N*
ID NUMBER TX-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SW ELECT. POWER	TX PSD-TX-64	720.00MW	M	GENERATOR, STEAM, COAL FIRED	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
						682.00LB/H	
ID NUMBER UT-0009	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
INTERMOUNTAIN PWR PROJEC*	UT	3000.00MW	N	BOILER, 4	CO	1248.00LB/H	B*
					NOX	.55LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.15LB/MMBTU	B*
					VE	20.00% OPACITY	
					VOC	375.00LB/H	B*
ID NUMBER NV-0010	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WHITE PINE POWER PROJECT	NV 996 THRU 1007	750.00MW	N	BOILER, 2 EA	CO	383.00LB/H	N*

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PROCESS CODE 1.1

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					F 24.00LB/H	N*
					HG .05LB/H	N*
					.016/SEC	N*
					H2* 35.60LB/H	N*
					NOX .55LB/MMBTU, BIT.*	N*
					.45LB/MMBTU, SUB.*	N*
					PM .02LB/MMBTU	B*
					160.90LB/H	B*
					SO2 .19LB/MMBTU	B*
					1490.00LB/H	B*
					VE 20.00% OPACITY	
ID NUMBER AR-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
ARKANSAS PWR & LT CO.	AR PSD-AR-48	800.00MW	N	GENERATOR, STEAM, COAL FIRED	PM .10LB/MMBTU	
					SO2 .93LB/MMBTU	N*
ID NUMBER MN-0007 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NORTHERN STATE POWER CO.* MN	EPA-5-77-A-2	800.00MW	N	BOILER, COAL FIRED, 2 EA	PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
ID NUMBER UT-0021 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
UTAH PWR & LT CO-HUNTER * UT		860.00MW	M	BOILER #4	NOX .55LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .12LB/MMBTU	B*
					VE 20.00% OPACITY	
ID NUMBER TX-0007 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SANDOW STEAM ELECT. STAT* TX	PSD-TX-28	890.00MW	M	BOILER, LIGNITE FIRED	PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
					6827.00LB/H	
ID NUMBER MA-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NEW ENGLAND POWER CO., B* MA	APPR. LTR 10-0*	10625.00MMBTU/H	M	COAL COMBUSTION		
					PM .08LB/MMBTU	R*

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PROCESS CODE 1.1 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
					S 1.21LB/MMBTU MONTH* R*
					2.31LB/MMBTU DAILY* R*
ID NUMBER KY-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
KENTUCKY POWER - CARR'S * KY C-80-42		11943.00MMBTU/H EA	N	BOILER, POWER	NOX .60LB/MMBTU B*
					PM .03LB/MMBTU B*
					SO2 .60LB/MMBTU B*
ID NUMBER IN-0023 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
INDIANA & MICHIGAN ELEC.* IN EPA-5-78-A-1		1300.00MW	N	BOILER, COAL FIRED, 2 EA	PM .10LB/MMBTU N*
					SO2 1.20LB/MMBTU N*
(1) ID NUMBER IA-0007 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
IA SOUTHERN UTILITIES (C* IA			N	BOILER, STEAM GENERATION, CO*	PM .10LB/MMBTU B*
					SO2 1.20LB/MMBTU B*
(1) ID NUMBER WA-0008 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
WASHINGTON WATER POWER C* WA (R)PSD-X-83-01			N	BOILER, CGS	BE .02LB/H ANNUAL AV
					CO 332.00LB/H
					F 1.15LB/H ANNUAL AV
					HG .03LB/H ANNUAL AV
					H2* 80.90LB/H ANNUAL AV
					NOX .50LB/MMBTU SB. C*
					.60LB/MMBTU BIT. *
					PB .27LB/H ANNUAL AV
					PM .03LB/MMBTU
					SO2 .22LB/MMBTU 30D R*
					1140.00LB/H 24H D AV
					VE 20.00% OPACITY
					VOC 3.32LB/H
(1) ID NUMBER KY-0012 SOURCE TYPE - 6.62 OTHER CHEMICAL					
B.F. GOODRICH CHEM. GROUP KY KY-091			N	BOILER, COAL FIRED	PM .03LB/MMBTU
					SO2 1.00LB/MMBTU

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
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PROCESS CODE 1.1

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
(1) ID NUMBER IN-0007	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL					
GRIFFIN INDUSTRIES	IN			BOILER, COAL FIRED	NOX 183.00T/YR	

PROCESS CODE -- 1.2

ID NUMBER VA-0051	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL					
VA DEPT. OF HIGHWAYS & T*	VA 30641	4.20MMBTU/H	N	BOILER, CLEAVER BROOKS	AS	3.00EE-3 LB/H
						2.00EE-3 T/YR
					BR	1.00EE-3 LB/H
						.03T/YR
					CO	.01LB/H
						2.00EE-3 T/YR
					CR	.01LB/H
						2.00EE-3 T/YR
					PM	.34LB/H
						.19T/YR
					SO2	7.91LB/H
						4.54T/YR
					VOC	1.85LB/H
						1.06T/YR
ID NUMBER FL-0012	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING					
OSCEOLA FARMS CO.	FL FL-0012	1.10BBL/H #6 *	N	BOILER, #6 OIL	PM	.10LB/MMBTU INPUT B*
					SO2	1.00% MAX S OIL B*
					VE	30.00% OPACITY B*
					VOC	2.00LB/T S*
ID NUMBER UT-0024	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)					
PARAHO DEVELOPMENT CORP.	UT	14.50MMBTU/H 8*	N	BOILER, PACKAGE	CO	5.00LB/MGAL

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PROCESS CODE 1.2

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	22.00LB/MGAL	
					PM	2.00LB/MGAL	
					SO2	.50% S CONTENT	
					VOC	1.00LB/MGAL	
ID NUMBER FL-0011 SOURCE TYPE - 7.8 SUGAR CANE PROCESSING							
ATLANTIC SUGAR ASSOC.	FL PSD-FL-078	3.13BBL/H #6 *	N	BOILER, #6 OIL	SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	
ID NUMBER OH-0088 SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL							
GMC-CPC HAMILTON-FAIRFIE*	OH 14-1074	27.00MMBTU/H	N	BOILER, WASTE OIL FIRED	AS	SEE NOTES	B*
					CD	SEE NOTES	B*
					CR	SEE NOTES	B*
					PB	SEE NOTES	B*
					SO2	1.10LB/MMBTU	B*
ID NUMBER CA-0113A SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL							
BERRY HOLDING CO.	CA SEE NOTE	31.50MMBTU/H	M	GENERATOR, STEAM	NOX	.20LB/MMBTU	B*
						6.26LB/H	B*
				GENERATOR, STEAM	NOX	.20LB/MMBTU	B*
						6.26LB/H	B*
					SO2	2.24LB/H	B*
						.05LB/MMBTU	B*
ID NUMBER DE-0004 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
A.I. DUPONT INSTITUTE	DE (R)79-DE-01	37.50MMBTU/H	M	BOILER, 3	CO	2.50LB/H	B*
					NOX	30.00LB/H	B*
					PM	.58LB/H	B*
					SO2	66.70LB/H	B*
					VOC	.50LB/H	B*
ID NUMBER OH-0022 SOURCE TYPE - 8.5 IRON & STEEL PRODUCTION							
TIMKEN CO.	OH 1576051246	40.00MMBTU/H	N	BOILER, 3 EA	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.02LB/MMBTU	
ID NUMBER CA-0116B	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL				SO2	.55LB/MMBTU	
PETRO-LEWIS CORP.	CA SJ 83-09	50.00MMBTU/H	N	BOILER, 5, EA			
					NOX	.12LB/MMBTU	L*
ID NUMBER CA-0037	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)				SO2	.05LB/MMBTU	B*
CHEVRON USA, INC.	CA NSR-4-4-8 SJ-7*	390.00GAL/H	M	BOILER, 9 EA			
					PM	3.60LB/H	L*
ID NUMBER GA-0013	SOURCE TYPE - 4.12 GRAPHIC ARTS				SO2	18.80LB/H	B*
W.F. HALL PRINTING CO.	GA 2754-036-8480	60.00MMBTU/H	N	BOILER, 2			
					PM	.10LB/MMBTU	N*
					SO2	246.00LB/H	N*
						.80LB/MMBTU	N*
ID NUMBER MA-0003	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
NATICK PAPERBOARD	MA 24-119-MA-13	60.13MMBTU/H	M	BOILER, OIL FIRED REPLACEMENT	PM	.10LB/MMBTU	
					SO2	145.94LB/H	B*
ID NUMBER CA-0069	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
ANGUS PETROTECH	CA 4132002-004	62.50MMBTU/H	N	BOILER, OIL FIRED	NOX	199.00LB/D	
					SO2	61.40LB/D	
ID NUMBER CA-0113A	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
BERRY HOLDING CO.	CA SEE NOTE	62.50MMBTU/H	M	GENERATOR, STEAM, OIL FIRED	NOX	7.50LB/H	B*
				GENERATOR, STEAM, OIL FIRED	NOX	7.50LB/H	B*
					SO2	4.45LB/H	B*
ID NUMBER NC-0034	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
ALLIED CORP.	NC 2657R5	64.20MMBTU	M	BOILER, #6 FUEL OIL	NOX	.40LB/MMBTU	
					PM	.12LB/MMBTU	
					SO2	1.60LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER TX-0074	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	77.00MMBTU/H EA	M	BOILER, OIL, 3	CO	2.70LB/H EA	B*
						.04LB/MMBTU	B*
					NOX	32.10LB/H EA	B*
						.42LB/MMBTU	B*
ID NUMBER MD-0013	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
HOOKER CHEMICAL & PLASTI*	MD 78MD07	81.90MMBTU/H	M	BOILER, OIL FIRED	SO2	355.10LB/H	B*
ID NUMBER GA-0002	SOURCE TYPE - 6.62 OTHER CHEMICAL						
PROCTOR & GAMBLE	GA GA 008	87.50MMBTU/H	N	BOILER	SO2	1.00% S OIL	
ID NUMBER VA-0044	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TULTEX CORP.	VA 30244	93.30MMBTU/H	N	BOILER, OIL FIRED, CLEAVER-B*	CO	3.33LB/H	
						8.75T/YR	
					NO2	.14LB/MMBTU	
						13.33LB/H	
					PM	1.33LB/H	
						3.50T/YR	
					SO2	.51LB/MMBTU	
						47.34LB/H	
					VOC	.26LB/H	
						1.14T/YR	
ID NUMBER IA-0003	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
AM. MODERN FOOD ENERGY S*	IA	94.50MMBTU/H	N	BOILER, OIL/GAS, 2 EA	NOX	.25LB/MMBTU OIL	B*
						.20LB/MMBTU NAT G*	B*
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	B*
ID NUMBER GA-0003	SOURCE TYPE - 6.55 SYNTHETIC RUBBER/RUBBER TIRES						
FIRESTONE TIRE CO.	GA GA 067	96.40MMBTU/H	M	BOILER, OIL FUEL	PM	.16LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER VA-0007 SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES							
ANHEUSER-BUSCH, INC.	VA 79VA15	98.00MMBTU/H	N	BOILER			
					SO2	1.07LB/MMBTU	B#
ID NUMBER TX-0080 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
PROCTOR & GAMBLE PAPER P#	TX PSD-TX-89	100.00MMBTU/H	N	GENERATOR, STEAM			
					NOX	30.00LB/H	
					PM	6.90LB/H	
					SO2	75.90LB/H	
ID NUMBER VA-0030 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
UNIVERSITY OF VIRGINIA	VA (3)40200	103760.00GAL/YR	N	BOILER, #6 OIL FIRED, #4	CO	.04LB/MMBTU	
						4.50LB/H	
					NOX	.45LB/MMBTU	
						50.25LB/H	
					PM	.15LB/MMBTU	
						17.25LB/H	
					SO2	2.09LB/MMBTU	
						23.55LB/H	
					VOC	.57LB/H	
						.09T/YR	
ID NUMBER NC-0012 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL							
CAMPBELL SOUP CO.	NC NC-065	113.00MMBTU/H EA	N	BOILER	SO2	1.30LB/MMBTU	B#
ID NUMBER OH-0094 SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL							
GEORIGA-PACIFIC CORP.	OH 14-1043	118.00MMBTU/H	N	BOILER, #6 OIL FIRED	NOX	.30LB/MMBTU	B#
					PM	.09LB/MMBTU	B#
					SO2	1.06LB/MMBTU	B#
ID NUMBER CA-0007 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
TOSCO CORP.	CA (R)SJ-78-26	92700.00LB/H	M	BOILER, CO	CO	45.70LB/H	L#
					NOX	41.00LB/H	B#
					SO2	.50% S FUEL	L#

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER LA-0035 SOURCE TYPE - 6.62 OTHER CHEMICAL							
ALLIED CHEMICAL CORP.	LA (R)PSD-LA-104	131.00MMBTU/H	M	BOILER	NOX	.30LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.07LB/MMBTU	B*
					VOC	.01LB/MMBTU	B*
ID NUMBER OH-0071 SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL							
DELCO MORAINE DIV., GMC	OH 08-654	144.00MMBTU/H	M	BOILER, OIL FIRED	PM	.08LB/MMBTU	B*
					SO2	1.30LB/MMBTU	S*
					VE	5.00% OPACITY	B*
ID NUMBER ME-0006 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
NEW ENGLAND ETHANOL, INC.	ME 2191	175.00MMBTU/H	N	BOILER, #2 OIL			
ID NUMBER IN-0001 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
NEW ENERGY CORP.	IN EPA-5-A-82-1	176.00MMBTU/H	N	BOILER, OIL FIRED	NOX	.60LB/MMBTU	
					PM	.02LB/MMBTU	L*
					SO2	.31LB/MMBTU	
ID NUMBER TX-0013 SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL							
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-209	185.00MMBTU/H	N	BOILER, 2 EA	NOX	.30LB/MMBTU	B*
						55.00LB/H	B*
					PM	.10LB/MMBTU	B*
						18.35LB/H	B*
					SO2	.50LB/MMBTU	B*
						92.10LB/H	B*
ID NUMBER NY-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
NY STATE ELECT. & GAS - *	NY	195.00MMBTU/H	N	BOILER, AUXILIARY, 2			
ID NUMBER LA-0030 SOURCE TYPE - 6.62 OTHER CHEMICAL							
SHELL CHEMICAL CO.	LA	198.50MMBTU/H EA	N	BOILER, 2 TEMPORARY	CO	.03LB/MMBTU	B*
						6.53LB/H EA	B*
					NOX	.30LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						59.60LB/H EA	B*
					PM	.10LB/MMBTU	B*
						19.90LB/H EA	B*
					SO2	.75LB/MMBTU	B*
						148.90LB/H EA	B*
ID NUMBER AL-0004	SOURCE TYPE - 8.17 LEAD OXIDE AND PIGMENT PRODUCTION						
DEGUSSA CHEM CORP.	AL AL 072	205.68MMBTU/H	M	BOILER, HEAT, FUEL OIL/NAT G*	NOX	.40LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NC-0021	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
CRANSTON PRINT WORKS	NC NC-030	243.00MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER FL-0010	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING						
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	240000.00LB/H STEAM	N	BOILER, BAGASSE/RESIDUE, 88 *	PM	.10LB/MMBTU	B*
					SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	B*
					VOC	SEE NOTE	L*
ID NUMBER FL-0022	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
PORT ST. JOE	FL FL-075	756.00MMBTU/H	N	BOILER, OIL FIRED	CO	25.20LB/H	N*
					NOX	226.80LB/H	N*
					PM	75.60LB/H	N*
					SO2	604.80LB/H	N*
(1) ID NUMBER IN-0024	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
NORTHERN INDIANA PUBLIC *	IN EPA-5-79-A-25		N	GENERATOR, OIL FIRED, 2	NOX	75.00PPM	
(1) ID NUMBER NC-0009	SOURCE TYPE - 6.55 SYNTHETIC RUBBER/RUBBER TIRES						
FIRESTONE TIRE CO.	NC NC-024		N	BOILER	SO2	106.00LB/H	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
(1) ID NUMBER NC-0010	SOURCE TYPE - 6.62 OTHER CHEMICAL						
MEREDITH/BURDA, INC.	NC NC-064	3366.00LB/H PAPER	N	BOILER	PM	4.00LB/H	B*
(1) ID NUMBER WI-0020	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
A.O. SMITH CORP.	WI ATT-03-80-41-0*		M	BOILER	PM	.15LB/MMBTU	
PROCESS CODE -- 1.3							
ID NUMBER CA-0149	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
ROCKWELL INTERNAT. MICRO*	CA 1291	50.00HP	N	BOILER, GAS FIRED	NOX	.04LB/H	
						.18T/YR	
ID NUMBER OK-0006	SOURCE TYPE - 5.16 PETROLEUM INDUSTRY -- OTHER						
COLORADO INTERSTATE GAS	OK (R)PSD-OK-358	2.60MMBTU/H	N	BOILER	CO	.05LB/H	B*
					NOX	.32LB/H	B*
					PM	.01LB/H	B*
					SO2	.00LB/H	B*
ID NUMBER CO-0013	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
RIO BLANCO OIL SHALE-#1	CO	5.00MMBTU/H	N	HEATER	NOX	1.00LB/H	B*
ID NUMBER MS-0003	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
SOUTHERN NAT. GAS	MS (R)PSD-MS-036	14000.00CF/H N. G.	M	ENGINE, NAT GAS	CO	10.50LB/H	N*
						46.20T/YR	N*
					NOX	37.40LB/H	N*
						163.90T/YR	N*
ID NUMBER TX-0081	SOURCE TYPE - 9.6 GLASS FIBER MANUFACTURING						
PPG INDUSTRIES, INC.	TX (R)PSD-TX-290	20.92MMBTU/H	N	BOILER, 2	NOX	4.60LB/H	B*
						.23LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.30LB/H	
						.01LB/MMBTU	
					SO2	.01LB/H	B*
						.00LB/MMBTU	B*
ID NUMBER CA-0193	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
NAVAL STATION TREASURE I*	CA 30543	24.00MMBTU/H	N	BOILER, STEAM	NOX	40.00PPMVD AT 3% O2	
						.05LB/MMBTU	
ID NUMBER WY-0014	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
EXXON CO., USA	WY CT-544	26.00MMBTU/H	N	BOILER, 3 EA	NOX	.17LB/MMBTU	B*
ID NUMBER WY-0016	SOURCE TYPE - 7.6 FERTILIZER PLANTS						
WYCON CHEMICALS	WY CT-564	26.00MMBTU/H	M	BOILER, AMMONIA PLT	NOX	.23LB/MMBTU	S*
				BOILER, UREA PLT	NOX	.23LB/MMBTU	S*
ID NUMBER TX-0024	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	35.00MMBTU/H	N	BOILER, AUXILIARY, NAT GAS F*	NOX	.00LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
ID NUMBER CA-0166	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
FOLSOM PRISON	CA 8350-1,8379-80	48.00MMBTU/H	N	BOILER, 2 EA	NOX	40.00PPMVD AT 3% O2	
ID NUMBER WY-0011	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
CIG	WY CT-58	48.40MMBTU/H	N	BOILER, GAS, 2	NOX	.20LB/MMBTU	S*
ID NUMBER TX-0079A	SOURCE TYPE - 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
SHINTECH, INC.	TX (R)PSD-TX-327	55.00MMBTU/H	M	BOILER, STEAM	NOX	.12LB/MMBTU	B*
				BOILER, STEAM	NOX	.12LB/MMBTU	B*
ID NUMBER TX-0079	SOURCE TYPE - 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
SHINTECH, INC.	TX PSD-TX-285	55.00MMBTU/H EA	M	BOILER, 2	PM	.30LB/H	

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PROCESS CODE 1.3 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER CA-0195 SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
U.S. GOVERNMENT	CA 8184 & 8186	62.00MMBTU/H	M	BOILER	NOX 40.00PPMVD AT 3% O2	
ID NUMBER CA-0161A SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SHELL CALIFORNIA PRODUCT*	CA 4012428-431,43*	62.50MMBTU/H	N	GENERATOR, GAS FIRED, 10	PM .27LB/H 4.30EE-3 LB/MMBTU	
ID NUMBER CA-0112C SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SHELL CALIFORNIA PRODUCT*	CA 4013123 - 139	62.50MMBTU/H	N	GENERATOR, GAS FIRED, 6 EA	H2* .34LB/H TOTAL	
ID NUMBER WY-0008 SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
AMOCO PRODUCTION CO.	WY CT-272	65.50MMBTU/H	N	BOILER, GAS, 2 EA	NOX .20LB/MMBTU	B*
ID NUMBER LA-0031 SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
HILL PETROLEUM CO.	LA (R)PSD-LA-286A	78.15MMBTU/H	M	BOILER	CO 4.00LB/MMBTU GAS 1.50LB/MMBTU PROPA*	
					NOX .10LB/MMBTU GAS .11LB/MMBTU PROPA*	
ID NUMBER CA-0122 SOURCE TYPE - 3.1 NATURAL GAS TURBINES						
GILROY ENERGY CO.	CA SFB 84-04	90.00MMBTU/H	N	BOILER, AUXILIARY, 2	NOX 40.00PPMDV AT 3% O2	
ID NUMBER IL-0020 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
ARCHER DANIELS MIDLAND	IL 81 07 0035	90.00MMBTU/H	M	BOILER, NAT GAS FIRED	NOX .17LB/MMBTU	
ID NUMBER WY-0009 SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
CHEVRON USA, INC.	WY CT-297	93.80MMBTU/H		BOILER, GAS, 6 EA	NOX .20LB/MMBTU	B*
ID NUMBER TX-0037 SOURCE TYPE - 6.24 ETHYLENE AND POLYETHYLENE						
TEX-USS	TX (R)PSD-TX-336	99.00MMBTU/H	M	BOILER, STEAM	NOX .11LB/MMBTU	B*
				BOILER, STEAM	NOX .11LB/MMBTU	B*
ID NUMBER WY-0015 SOURCE TYPE - 7.6 FERTILIZER PLANTS						
CHEVRON CO., USA	WY CT-550	105.60MMBTU/H	N	BOILER, 2 EA	NOX .20LB/MMBTU	S*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER CA-0097 SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING							
STANISLAUS FOOD PRODUCT *	CA 3-019-04	125000.00LB/H STEAM	N	BOILER, STEAM, NAT GAS	NOX	65.00PPM AT 3% O2	L*
ID NUMBER CO-0013 SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)							
RIO BLANCO OIL SHALE-#1	CO	198.00MMBTU/H	M	BOILER, 2	NOX	39.60LB/H	B*
ID NUMBER WV-0003 SOURCE TYPE - 6.62 OTHER CHEMICAL							
PPG INDUSTRIES, INC.	WV 79WV06	243.00MMBTU/H	M	BOILER	NOX	.70LB/MMBTU	B*
ID NUMBER LA-0014 SOURCE TYPE - 6.62 OTHER CHEMICAL							
BASF WYANDOTTE CO.	LA	303.00MMBTU/H	M	BOILER, STEAM	NOX	36.40LB/H	B*
						.12LB/MMBTU	B*
(1) ID NUMBER MI-0013 SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS							
CONSUMERS POWER CO.	MI 99-81	175.00MLB/H	N	BOILER, NAT GAS, 3 EA	NOX	.20LB/MMBTU	
(1) ID NUMBER TN-0004 SOURCE TYPE - 4.2 SURFACE COATING - PAPERS/FABRICS							
INTERNAT. LABEL MFG. FAC.	TN PSD-TN-060		N	BOILER, NAT GAS, 3 EA	SO2	152.68T/YR	B*
(1) ID NUMBER CA-0161 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
SHELL CALIFORNIA PRODUCT*	CA 4013140-4013143		N	GENERATOR, STEAM, 4	PM	4.60LB/D	L*

PROCESS CODE -- 1.4

ID NUMBER VA-0052 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
D-SCAN FURNITURE, INC.	VA 30813	5.02MMBTU/H	N*	BOILER, WOODWASTE	CO	2.51LB/H	
						11.00T/YR	
					NO2	.21LB/H	
						.93T/YR	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.30LB/MMBTU	
						1.51LB/H	
					SO2	2.55LB/H	
						11.17T/YR	
					VOC	.44LB/H	
						1.93T/YR	
ID NUMBER NC-0031 SOURCE TYPE - 4.4 SURFACE COATING - METAL FURNITURE							
KINCAID FURNITURE CO., I* NC 5276		11.60MMBTU	M	BOILER, WOOD WASTE, 2			
ID NUMBER NC-0022 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
CROWN WOOD PRODUCTS	NC 4819	22.30MMBTU/H	M	BOILER, WOOD FIRED	VOC	917.00T/YR	B*
ID NUMBER ME-0004 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
LOUISIANA-PACIFIC CORP.	ME	24.60MMBTU/H	N	BOILER, WOOD, #1	PM	.15LB/MMBTU	B*
				BOILER, WOOD, #2	PM	.15LB/MMBTU	B*
ID NUMBER VA-0043 SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE							
ERATH VENEER CORP. OF VA	VA 30392	31.50MMBTU/H	N	BOILER, WOODWASTE FIRED	CO	.89LB/MMBTU	
						28.00LB/H	
					PM	.27MMBTU/H	
						8.51LB/H	
					SO2	.53LB/H	
						.23T/YR	
					VOC	.16LB/MMBTU	
						4.90LB/H	
ID NUMBER TX-0145 SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE							
TEXAS ELECTRIC COOP.,INC.	TX 9369	35.00MMBTU/H	N	BOILER	CO	1.10LB/MMBTU	B*
					NOX	.08LB/MMBTU	B*
					PM	.30LB/MMBTU	B*
					SO2	.20LB/MMBTU	B*
					VOC	.20LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER ME-0004	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
LOUISIANA-PACIFIC CORP.	ME	36.40MMBTU/H	N	DRYER, WOOD FIRED, #1	PM	1.84LB/T WAFER BD	B*
				DRYER, WOOD FIRED, #2	PM	1.84LB/T WAFER BD	B*
ID NUMBER FL-0029A	SOURCE TYPE - 3.1 NATURAL GAS TURBINES						
KISSIMMEE UTILITIES	FL AC 49-74856	41.70MMBTU/H	N	BOILER, WASTE HEAT	SO2	.50LB/MMBTU	
ID NUMBER ID-0001	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
CO-GEN., INC.	ID (R)PSD-X81-16	6.00MW	N	BOILER	CO	.22LB/MMBTU	B*
						117.60T/YR	B*
					NOX	.17LB/MMBTU	B*
						88.20T/YR	B*
					PM	.03LB/MMBTU	
						16.60T/YR	
					VOC	.08LB/MMBTU	B*
						117.60T/YR	B*
ID NUMBER CA-0172	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
AUBERRY ENERGY, INC.	CA 3060020101-106	18.40T/H LUMBER	N	COGENERATION FAC., WOOD FIRED	NOX	.14LB/MMBTU	
					PM	.01GR/DSCF AT 12%*	
ID NUMBER ME-0003	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
J.M. HUBER CORP.	ME	84.00MMBTU/H	N	BOILER, WOOD	PM	.12LB/MMBTU	B*
					SO2	100.00LB/H	B*
						1000.00LB/D	B*
					SO2	50.00T/YR	B*
ID NUMBER ID-0005	SOURCE TYPE - 10.4 PLYWOOD PLANTS						
EVERGREEN FOREST PRODUCTS ID		88.00MMBTU/H	N	BOILER, WOOD FIRED	CO	17.56LB/H SEE NOTE	
					NOX	17.56LB/H SEE NOTE	
					PM	21.22LB/H	
ID NUMBER GA-0010	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
GOLD KIST INC., GOLD KIS*	GA 2075-092-8068-C	95.00MMBTU/H	M	BOILER, WELLON TYPE A	NOX	.70LB/MMBTU	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.10LB/MMBTU	N*
ID NUMBER CA-0141	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
SUPERIOR FARMING CO.	CA 3032006A	100.00MMBTU/H	M	BOILER, 4-CELL COMBUSTION	NOX	.07LB/MMBTU	L*
				BOILER, 4-COMBUSTION CELL	NOX	.17LB/MMBTU	L*
ID NUMBER ID-0001A	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
CO-GEN., INC.	ID	104.00MMBTU/H	N	BOILER, WOOD FIRED	CO	5.90LB/H	
					NOX	19.00LB/H	
					PM	3.95LB/H	
ID NUMBER CA-0040	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
HUDSON LUMBER CO.	CA 81-PO-17	90000.00LB/H STEAM	N	BOILER	CO	2.00LB/T FUEL	
					NOX	30.00LB/H 8H AV	
					PM	.04GR/DSCF	
ID NUMBER TX-0057	SOURCE TYPE - 10.4 PLYWOOD PLANTS						
KIRBY FOREST INDUSTRIES	TX (R)PSD-TX-280	70000.00LB/H	M	BOILER, FBD WOOD WASTE FIRE	PM	10.70LB/H	
ID NUMBER NC-0002	SOURCE TYPE - 10.3 HARDBOARD						
ABI TIBI CORP.	NC NC 076	120000.00LB/H STEAM	M	BOILER, WOOD FIRED	CO	44.04LB/H	N*
						192.90T/YR	N*
					NOX	35.23LB/H	N*
						154.30T/YR	N*
					PM	.10LB/MMBTU	N*
					SO2	33.03LB/H	
						145.00T/YR	
ID NUMBER WY-0003	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
AFTON GENERATING CO.	WY CT-483	155.62MMBTU/H	N	BOILER, WOOD & BARK WASTE	CO	.44LB/MMBTU	B*
					NOX	.24LB/MMBTU	B*
					PM	.05GR/DSCF AT 12%*	B*
						.10LB/MMBTU	B*
					VOC	.09LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER CA-0077	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
ULTRASYSTEMS	CA HAC-129	162.00MMBTU/H	N	BOILER, WOOD WASTE	PM	.05LB/MMBTU	
ID NUMBER CA-0071	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
IMOTEK, INC.	CA 6889	162.20MMBTU/H	N	BOILER	NOX	130.00PPMV AT 3% O2	
				BOILER	PM	.02GR/DSCF	
ID NUMBER SC-0005	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	172.00MMBTU/H	N	BOILER, BARK/WOODWASTE	NOX	1.19LB/MMBTU	B*
						205.00LB/H	B*
					PM	.25LB/MMBTU	B*
						43.00LB/H	B*
ID NUMBER CA-0083	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
COLLINS PINE CO.	CA SAC 84-02	140000.00LB/H STEAM		BOILER #4	CO	.35LB/MMBTU	
						84.80LB/H	
					NOX	.20LB/MMBTU	
						48.50LB/H	
					PM	9.70LB/H	
					VE	10.00% OPACITY	
*ID NUMBER CA-0039	SOURCE TYPE - 10.4 PLYWOOD PLANTS						
ULTRASYSTEMS INC.	CA 82-PO-32	150000.00LB/H STEAM	N	BOILER	CO	126.00T/YR	
					NOX	139.00T/YR	
					PM	.04GR/DSCF	
					SOX	21.00T/YR	
					VOC	55.00T/YR	
ID NUMBER AR-0005	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	AR PSD-AR 317	211.20MMBTU/H	M	BOILER, WOOD FIRED	CO	24.00LB/H	N*
						.11LB/MMBTU	N*
					NOX	26.00LB/H	B*
						.12LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER CA-0124	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
FAIRHAVEN POWER CO.	CA NC 84-03	225.60MMBTU/H	M	BOILER, WOOD FIRED	CO	.35LB/MMBTU	
					NOX	.20LB/MMBTU	
					PM	.05LB/MMBTU	
					VOC	.07LB/MMBTU	
ID NUMBER CA-0070	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
HAYFORK COGENERATION PRO*	CA TAC-012	236.00MMBTU/H	N	BOILER, WOOD WASTE	CO	.35LB/MMBTU	
					NOX	.15LB/MMBTU	
					PM	.04LB/MMBTU	
					VOC	.07LB/MMBTU	
ID NUMBER LA-0041	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	LA (R)PSD-LA-0041	272.00MMBTU/H	M	BOILER, WOOD FIRED	CO	25.00LB/H	B*
						.09LB/MMBTU	B*
					NOX	26.70LB/H	B*
						.10LB/MMBTU	B*
					PM	24.70LB/H	B*
						.01LB/MMBTU	B*
ID NUMBER GA-0020	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
BURLINGTON INDUSTRIES	GA 2272-119-8109-0	290.00MMBTU/H	M	BOILER, WOOD WASTE FIRED	PM	.10LB/MMBTU	B*
ID NUMBER NC-0007	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
GEORGIA-PACIFIC CORP.	NC NC-061	165000.00LB/H	N	BOILER, WOOD WASTE & DRYER, *	PM	246.00T/YR	B*
ID NUMBER CA-0066	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
APPLIED POWER TECHNOLOGY	CA SAC 83-02	307.10MMBTU/H	N	BOILER, 2	NOX	35.40LB/H	
					PM	11.90LB/H	
ID NUMBER CA-0188	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
FAIRHAVEN POWER CO.	CA HS-072	309.00MMBTU/H	N	BOILER, WOOD FIRED	CO	.40LB/MMBTU	
					NOX	.20LB/MMBTU	

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PROCESS CODE 1.4

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER CA-0194	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE				PM	.04LB/MMBTU	
ULTRAPOWER - PLACER, INC.	CA A/C-85-14	356.80MMBTU/H	N	BOILER	NOX	56.00LB/H	
					PM	.02GR/DSCF AT 12%*	
ID NUMBER NY-0007	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
PROCTOR & GAMBLE	NY	360.00MMBTU/H	N	BOILER	CO	.22LB/MMBTU	
					PM	.10LB/MMBTU	B*
						.05GR/DSCF	B*
ID NUMBER WA-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PANORAMA ENERCORP, INC	WA (R)PSD-X81-15	37.00MW	N	BOILER	CO	107.30LB/H	B*
					NOX	.17LB/MMBTU	B*
					PM	.01GR/DSCF 12% CO2	
					VOC	36.50LB/H	
ID NUMBER CA-0118	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
ULTRASYSTEMS INC.	CA 55-8986	370.00MMBTU/H		BOILER, FLUID BED, WOOD FIRED	CO	.15LB/MMBTU	
					NOX	.15LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	.14LB/MMBTU	
					VOC	.10LB/MMBTU	
ID NUMBER KY-0039	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WILLAMETTE INDUSTRIES, I*	KY C-80-24	400.00MMBTU/H	M	BOILER, WOOD WASTE	NOX	.70LB/MMBTU NOTE#1	B*
					PM	.04GR/DSCF	B*
					SO2	.32LB/MMBTU	B*
ID NUMBER KY-0001	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WILLAMETTE INDUSTRIES, I*	KY KY-146	400.00MMBTU/H	N	BOILER, WOOD WASTE	NOX	.40LB/MMBTU	B*
					PM	.04GR/DSCF	B*
					SO2	.32LB/MMBTU	B*

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ID NUMBER AL-0007	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ALABAMA KRAFT	AL PSD-AL-067	436.00MMBTU/H	M	BOILER, WOOD WASTE	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
ID NUMBER KY-0033	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WESTVACO CORP. - FINE PA*	KY C-77-123	463.00MMBTU/H	M	BOILER, BARK	NOX	.30LB/MMBTU LIQ. *	N*
						.70LB/MMBTU SOLID*	N*
					PM	.10LB/MMBTU	B*
						46.30LB/H	B*
					SO2	1.20LB/MMBTU SEE N*	B*
						469.60LB/H	B*
ID NUMBER CA-0052	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
LOUISIANA-PACIFIC BOILER	CA 27440	477.00MMBTU/H	M	BOILER, WOOD WASTE FIRED	PM	17.00LB/H	B*
ID NUMBER FL-0004	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ST REGIS PAPER CO.	FL PSD-FL-041	666.00MMBTU/H	M	BOILER, BARK FIRED, #4	PM	.10LB/MMBTU	N*
					SO2	.64LB/MMBTU	N*
ID NUMBER VT-0002	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
MCNEIL GENERATING STATION	VT	670.00MMBTU/H	N	FURNACE, WOOD FIRED	PM	.01LB/MMBTU	
						.01GR/DSCF AT 12%*	
ID NUMBER FL-0022	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, BARK	CO	25.20LB/H	N*
					NOX	264.00LB/H	N*
					PM	88.21LB/H	N*
					SO2	705.70LB/H	N*
(1) ID NUMBER CA-0021	SOURCE TYPE - 2.3 OTHER SOLID WASTE DISPOSAL						
WATSON ENERGY SYS, INC.	CA (R)LA 77-02	1440.00T/D	N	GENERATING UNIT, STEAM, WAS*	NOX	83.00LB/H	L*
					PM	4.00LB/H	L*
					SO2	64.00LB/H	L*

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(1) ID NUMBER AR-0010 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
INTERNATIONAL PAPER CO.	AR PSD-463AR-1		N	BOILER, WOOD WASTE, #1 & #2	CO 200.00LB/H, EA	
					PM 25.00LB/H, EA	
PROCESS CODE -- 1.5						
ID NUMBER TX-0055 SOURCE TYPE - 9.3 REFRACTORIES						
JOHN MANSVILLE SALES CORP	TX PSD-TX-263	3.10MMBTU/H EA		BOILER, 2	PM .06LB/H	
ID NUMBER OH-0025 SOURCE TYPE - 6.62 OTHER CHEMICAL						
FERRO CHEMICAL DIV OF FE#	OH 13-956	3.12MMBTU/H	N	BOILER	PM .17LB/H	
					.05LB/MMBTU	
ID NUMBER CA-0061 SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING						
SNACK FOODS PLANT	CA SEE NOTE	10.00MMBTU/H	N	BOILER	NOX 100.00PPM AT .3% O2	
					.94LB/H	
					PM .15LB/H	
					SO2 2.50LB/H	
ID NUMBER TX-0144 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
INTERNATIONAL PAPER CO.	TX 14163	14.60MMBTU/H	N	BOILER, PACKAGE	CO .03LB/MMBTU	B#
					NOX .10LB/MMBTU	B#
					PM .01LB/MMBTU	B#
					SO2 .22LB/MMBTU	B#
					VOC .00LB/MMBTU	B#
ID NUMBER TX-0093 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
HTC INDUSTRIES	TX 8710	500.00HP	N	BOILER, GAS/OIL FIRED, 2	CO 3.30LB/H	
					NOX .30LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.75LB/H	
					SO2	5.40LB/H	
ID NUMBER CA-0112B	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SHELL CALIFORNIA PRODUCT*	CA 4013121 & 122	25.20MMBTU/H	N	GENERATOR, SCRUBBED STEAM, 2*	PM	.03LB/MMBTU	B*
					SO4	.03LB/MMBTU	
ID NUMBER CA-0150A	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
OLS ENERGY	CA 1267-2	31.00MMBTU/H	N	BOILER, GAS/OIL FIRED	NOX	40.00PPMVD AT 3% O2	
ID NUMBER TX-0016	SOURCE TYPE - 6.24 ETHYLENE AND POLYETHYLENE						
GULF OIL CHEMICALS	TX (R)PSD-TX-299	49.00MMBTU/H EA	N	BOILER, 4 EA	NOX	.30LB/MMBTU OIL	B*
						.12LB/MMBTU GAS	B*
					PM	.02LB/MMBTU OIL	B*
						.01LB/MMBTU GAS	B*
					SO2	.75LB/MMBTU OIL	B*
						TRACE GAS	B*
ID NUMBER LA-0016	SOURCE TYPE - 6.62 OTHER CHEMICAL						
AIRCO SPEER CARBON GRAPH*	LA LA-283	56.20MMBTU/H	N	BOILER, CALCINER, GAS/OIL	CO	5.70LB/H	B*
					PM	5.70LB/H	B*
					SO2	171.60LB/H	B*
ID NUMBER CA-0112C	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SHELL CALIFORNIA PRODUCT*	CA 4013123 - 139	62.50MMBTU/H	N	GENERATOR, OIL/GAS FIRED, 11*	H2*	.03LB/MMBTU	
ID NUMBER CA-0061	SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING						
SNACK FOODS PLANT	CA SEE NOTE	72.00MMBTU/H	N	BOILER	NOX	100.00PPM AT .3% O2	
						.94LB/H	
				BOILER	NOX	100.00PPM AT .3% O2	
						.94LB/H	
				BOILER	PM	1.00LB/H	
				BOILER	PM	1.00LB/H	
				BOILER	SO2	18.20LB/H	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				BOILER	SO2 18.20LB/H	
ID NUMBER WA-0009A SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
U.S. OIL & REFINING CO.	WA 2573	98.90MMBTU/H	M	BOILER, GAS/OIL	NOX 100.00PPM AT 3% O2, *	
					50.00PPM AT 3% O2, *	
ID NUMBER VA-0028 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
MULTITRADE GROUP, INC.	VA 30529	112.50MMBTU/H	M	BOILER, COAL/WOOD FIRED, 2	CO .40LB/MMBTU	
					NO2 .54LB/MMBTU	
					PM .20LB/MMBTU	
					SO2 1.38LB/MMBTU	
					VOC .14LB/MMBTU	
ID NUMBER AR-0013 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
MCKOOSA PAPER CO.	AR 270-AR-3	160.00MMBTU/H	M	BOILER, DUAL FUEL	NOX N/A	
					PM N/A	
					SO2 N/A	
					VE 20.00% OPACITY	
ID NUMBER LA-0018 SOURCE TYPE - 6.62 OTHER CHEMICAL						
HCC CHEMICAL CO.	LA (R)PSD-LA-108	173.00MMBTU/H	N	BOILER, GAS/OIL	CO .04LB/MMBTU	B*
					NOX .30LB/MMBTU	N*
					PM .02LB/MMBTU	B*
					SO2 .32LB/MMBTU	B*
ID NUMBER WA-0014 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
U.S. NAVY - PUGET SOUND *	WA N/C 2545	140000.00L3/H STEAM	N	BOILER, RILEY STOKER VR-C3, *	PM .02GR/SCF	
					SO2 .23LB/MMBTU,NOTE#1	
ID NUMBER LA-0050 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
AGRIFUELS REFINING CORP.	LA PSD-LA-521	177.00MMBTU/H	N	BOILER, CMS, #7-84	CO 1163.00LB/H	
					4650.00T/YR	
					NOX 63.00LB/H	
					252.00T/YR	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	35.00LB/H	
						140.00T/YR	
					VE	20.00% OPACITY	
ID NUMBER MO-0006	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
MOBAY CHEMICAL CORP.	MO 485	198.60MMBTU/H	N	BOILER, 2 TOTAL	CO	MINIMIZE	
					NOX	.20LB/MMBTU	N*
					PM	MINIMIZE	
					SO2	MINIMIZE	
					VOC	MINIMIZE	
ID NUMBER AR-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
NEKOOSA PAPER CO.	AR 278-AR-3	210.00MMBTU/H	M	BOILER, DUAL FUEL	NOX	N/A	
					PM	N/A	
					SO2	N/A	
					VE	20.00% OPACITY	
ID NUMBER NY-0005	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
POWER AUTHORITY STATE OF* NY		220.00MMBTU/H	N	BOILER, AUXILIARY	NOX	.30LB/MMBTU	
					PM	.08LB/MMBTU	
					SO2	.30% S FUEL	S*
ID NUMBER IL-0034	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
BABCOCK & WILCOX, LAUHOF*	IL 85 11 0014	237.00MMBTU/H	N	BOILER, GAS/OIL FIRED	CO	200.00PPM	
					NOX	.30LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.30LB/MMBTU, OIL	
ID NUMBER VA-0003	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
PHILIP MORRIS	VA 80VA06	237.00MMBTU/H	M	BOILER, COAL/OIL FIRED	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	2.10LB/MMBTU COAL	B*
						2.51LB/MMBTU OIL	B*
					VE	20.00% OPACITY	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER OH-0045	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS					
CITY OF COLUMBUS	OH EPA-5-A-80-3	240.00MMBTU/H	N	BOILER, REFUSE/COAL FIRED, 6*	NOX .50LB/MMBTU	
					.70LB/MMBTU COAL *	
					PM .10LB/MMBTU	
					SO2 .93LB/MMBTU 6 BOI*	
					1.44LB/MMBTU,<4 BO*	
ID NUMBER TX-0027	SOURCE TYPE - 6.62 OTHER CHEMICAL					
E.I. DUPONT DE NEMOURS	TX (R)PSD-TX-335	240.00MMBTU/H	M	BOILER	NOX .30LB/MMBTU OIL	
					.60LB/MMBTU COAL	
					PM .05LB/MMBTU OIL	
					.08LB/MMBTU COAL	
					SO2 .79LB/MMBTU OIL	
					1.69LB/MMBTU COAL	
ID NUMBER WI-0001	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)					
FLAMBEAU PAPER CORP.	WI MAA-10-CWB-81-*	249.00MMBTU/H	M	BOILER, 80/20 WOOD/COAL	NOX .70LB/MMBTU	B*
					PM .08LB/MMBTU WOOD/*	B*
					.10LB/MMBTU COAL	B*
					SO2 1.20LB/MMBTU	L*
ID NUMBER FL-0002	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
ST REGIS PAPER CO.	FL FL 066	268.00MMBTU/H C*	M	BOILER, BARK/COAL, 83	SO2 1.20LB/MMBTU	N*
					327.00LB/H	N*
ID NUMBER MI-0011	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL					
UNIV. OF MICH., CEN HEAT*	MI 531-78	220.00MLB/H	N	BOILER, GAS/OIL FIRED, 2 EA	NOX .30LB/MMBTU OIL	
					.20LB/MMBTU GAS	
					SO2 .52LB/MMBTU	
ID NUMBER WI-0033	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)					
APPLETON PAPERS, INC.	WI MAA-10-SJK-83-*	250000.00LB/H STEAM	M	BOILER STACK	CO .10LB/MMBTU	
					NOX .70LB/MMBTU	

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					PM	.10LB/MMBTU	
					SO2	1.12LB/MMBTU	
					VE	20.00% OPACITY	
					VOC	9.95LB/H	
						42.00T/YR	
ID NUMBER GA-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
INTERSTATE PAPER CORP.	GA 2631-089-8091	346.00MMBTU/H	M	BOILER	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.30LB/MMBTU	
ID NUMBER MI-0044	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
S.D. WARREN CO.	MI 29-86	395.00MMBTU/H	N	BOILER	CO	.50LB/MMBTU	B*
					NOX	.70LB/MMBTU, COAL*	B*
					PM	.06LB/MMBTU, COAL*	B*
						.05LB/MMBTU, COAL*	B*
					SO2	1.20LB/MMBTU, COAL*	N*
						90.00% REDUCTION, C*	N*
					SO2	.80LB/MMBTU, FUEL*	N*
						90.00% REDUCTION, F*	N*
					TRS	5.00PPMV	N*
ID NUMBER WI-0034	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
CONSOLIDATED PAPERS, INC.	WI 84-DLJ-038	445.16MMBTU/H	N	BOILER	CO	.10LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
					VOC	.05LB/MMBTU	
ID NUMBER VA-0022	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
BEAR ISLAND PAPER CO.	VA 50840	469.00MMBTU/H	M	BOILER, WOOD/COAL FUEL	NOX	1210.00T/YR WOOD FUEL	N*
						1210.00T/YR COAL FUEL	N*
					PM	205.00T/YR WOOD FUEL	N*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
						174.00T/YR COAL FUEL	N*
					SO2	1638.00T/YR WOOD FUEL	N*
						2092.00T/YR COAL FUEL	N*
ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	495.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	CO	.11LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER AL-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CONTAINER CORP. OF AM	AL PSD-AL-061	511.50MMBTU/H	M	BOILER, COAL/WOOD FIRED	NOX	350.00LB/H 100% COAL	N*
						426.00LB/H 100% WOOD	N*
					PM	51.15LB/H 100% COAL	N*
						60.60LB/H 100% WOOD	N*
					SO2	613.25LB/H 100% COAL	N*
						60.60LB/H 100% WOOD	N*
ID NUMBER AL-0019	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	AL 201-0001-X006,*	534.00MMBTU/H	M	GENERATOR, FOSSIL FUEL STEAM			
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER FL-0002	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ST REGIS PAPER CO.	FL FL 066	546.00MMBTU/H C*	M	BOILER, BARK/COAL, #4	SO2	1.20LB/MMBTU	N*
ID NUMBER OK-0004	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
FORT HOWARD PAPER CO.	OK (R)PSD-OK-404	557.00MMBTU/H	M	BOILER	CO	.06LB/MMBTU COAL	B*
						.03LB/MMBTU OIL	B*
					CO	.02LB/MMBTU GAS	B*
					NOX	.70LB/MMBTU COAL	B*
						.30LB/MMBTU OIL	B*

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					NOX	.20LB/MMBTU GAS	B*
					PM	.10LB/MMBTU COAL	B*
						.07LB/MMBTU OIL	B*
					PM	.01LB/MMBTU GAS	B*
					SO2	1.20LB/MMBTU COAL	B*
						.73LB/MMBTU OIL	B*
					SO2	.00LB/MMBTU GAS	B*
					VOC	.02LB/MMBTU GAS	
						.01LB/MMBTU OIL	
					VOC	.00LB/MMBTU GAS	
ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	581.00MMBTU/H	N	BOILER, COAL/WOOD WASTE	CO	.11LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER GA-0009	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GILMAN PAPER CO.	GA GA-071	587.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	
ID NUMBER NC-0019B	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
FEDERAL PAPER BOARD CO.,*	NC 3441R9	600.00MMBTU/H B*	M	BOILER, POWER, #5, BARK/COAL*	NOX	.40LB/MMBTU COAL	
						.36LB/MMBTU OIL	
					PM	.16LB/MMBTU COAL	
						.05LB/MMBTU OIL	
					SO2	.80LB/MMBTU COAL	
						.80LB/MMBTU OIL	
ID NUMBER OH-0003	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
STONE CONTAINER CORP.	OH EPA-5-A-81-3	609.00MMBTU/H	N	BOILER, WOOD/GAS	CO	.20LB/MMBTU	
					NOX	.38LB/MMBTU	
					PM	.06LB/MMBTU	

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					SO2	.02LB/MMBTU	
					VOC	.02LB/MMBTU	
ID NUMBER MS-0008	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
LEAP RIVER FOREST	MS MS 035	350000.00LB/H	N	BOILER, BARK/COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.63LB/MMBTU	B*
ID NUMBER VA-0001	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CHESAPEAKE CORP.	VA 80VA03	659.00MMBTU/H	M	BOILER, WOOD WASTE	CO	.23LB/MMBTU	N*
					NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
					VOC	.23LB/MMBTU	N*
ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	660.00MMBTU/H	N	BOILER, COAL/WOOD WASTE	CO	.11LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER LA-0042	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
STONE CONTAINER CORP.	LA PSD-LA-505	680.40MMBTU/H	N	BOILER, COMBINATION, BARK/CO*	BE	.00LB/H	B*
					CO	420.40LB/H	B*
						.62LB/MMBTU	B*
					F	3.75LB/H	B*
					NOX	476.30LB/H	B*
						.70LB/MMBTU	B*
					PM	68.00LB/H	N*
						.10LB/MMBTU	N*
					SO2	816.50LB/H	B*
						1.20LB/MMBTU	B*
					VOC	105.90LB/H	B*

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ID NUMBER LA-0017	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
INTERNATIONAL PAPER CO.	LA (R)PSD-LA-295	760.00MMBTU/H	M	BOILER	CO	.15LB/MMBTU	B*
					NOX	.69LB/MMBTU COAL	B*
						.20LB/MMBTU GAS	B*
					NOX	.30LB/MMBTU OIL	B*
ID NUMBER IA-0006	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLA*	IA	769.00MMBTU/H	M	BOILER, STEAM GENERATION, 88	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER AL-0016	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
MACMILLAN BLOEDAL	AL AL-063	770.00MMBTU/H	M	BOILER, POWER	CO	114.00LB/H	N*
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER FL-0035	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	FL PSD-FL-079	700000.00LB/H STEA*	M	BOILER, COMBINATION, NO.5	CO	ZERO	
					NOX	.30LB/MMBTU, HI	B*
						325.00LB/H BARK	B*
					PM	.10LB/MMBTU, HI	B*
						108.00LB/H BARK	B*
					SO2	.65LB/MMBTU, HI	B*
						704.00LB/H BARK	B*
					VE	20.00% OPACITY	B*
					VOC	ZERO	
ID NUMBER AL-0002	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
SCOTT PAPER	AL AL 068	980.00MMBTU/H	M	WOODWASTE/COAL COMB., 50/50%*	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1014.00LB/H	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER FL-0026	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CONTAINER CORP. OF AM	FL FL-062	1021.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	PM	472.00T/YR	N*
					SO2	5363.00T/YR	N*
ID NUMBER GA-0008	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	GA (R)PSD-GA-062	1055.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	NOX	.70LB/MMBTU	N*
					PM	.08LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
ID NUMBER NC-0019	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
FEDERAL PAPER BOARD CO.,*	NC NC-081	1095.00MMBTU/H	N	BOILER	PM	.04GR/CF	B*
					SO2	979.00T/H	B*
ID NUMBER LA-0004	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
GULF STATES UTILITY	LA (R)PSD-LA-305	1706.00MMBTU/H	M	BOILER	CO	.01LB/MMBTU COAL *	B*
						.03LB/MMBTU OIL	B*
					NOX	.19LB/MMBTU COAL *	B*
						.30LB/MMBTU OIL	B*
					PM	.03LB/MMBTU COAL *	B*
						.01LB/MMBTU OIL	B*
					SO2	.62LB/MMBTU COAL *	B*
						.66LB/MMBTU OIL	B*
ID NUMBER NY-0005	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
POWER AUTHORITY STATE OF* NY		6700.00MMBTU/H	N	BOILER	CO	.04LB/MMBTU	B*
					NOX	.60LB/MMBTU COAL	B*
						.30LB/MMBTU OIL	B*
					PM	.02LB/MMBTU COAL	B*
						.03LB/MMBTU COAL/*	B*
					PM	.01LB/MMBTU OIL	B*
					SO2	.40LB/MMBTU	B*
					VE	20.00% OPACITY	

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(1) ID NUMBER NY-0002	SOURCE TYPE - 2.1 REFUSE INCINERATION						
HOOKER ENERGY CORP.	NY NONE	2360.00T/D REFUSE	N	BOILER, RDF/COAL FIRED	NOX	.70LB/MMBTU COAL	
						.30LB/MMBTU OIL	
					PM	.10LB/MMBTU COAL	
						.07LB/MMBTU OIL	
					PM	.03GR/DSCF REFUSE	
					SO2	1.20LB/MMBTU COAL	
						.80LB/MMBTU OIL	
					VE	20.00% OPACITY COAL	B*
						20.00% OPACITY OIL	B*
					VE	20.00% OPACITY REFU*	B*
(1) ID NUMBER VA-0026	SOURCE TYPE - 2.1 REFUSE INCINERATION						
NOFOLK NAVAL SHIPYARD	VA 60326	180000.00LB/D		BOILER, 4	CO	.53LB/MMBTU	P*
					HCL	3.30LB/MMBTU	P*
					HF	1.10LB/MMBTU	P*
					NOX	.70LB/MMBTU	N*
					PM	.07LB/MMBTU	P*
					SO2	1.20LB/MMBTU	N*
					VOC	.07LB/MMBTU	P*
(1) ID NUMBER NC-0020	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
BURLINGTON IND.	NC NC-036		N	BOILER	PM	.60LB/H	B*

PROCESS CODE -- 1.6

ID NUMBER CA-0013	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
PROCESS REFINERY CO.	CA SJ-78-27	4.31MMBTU/H	M	BOILER, 2 EA	NOX	.27LB/MMBTU
ID NUMBER PA-0031	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER					

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AMERICAN PACKAGING CORP.	PA 82128	5.02MMBTU/H	N	BOILER	PM	.10LB/MMBTU	B*
ID NUMBER CO-0005 SOURCE TYPE - 3.2 NATURAL GAS COMPRESSORS							
CO INTERSTATE GAS, TOTEM* CO		370.00HP	N	GENERATOR			
					NOX	8.90LB/H	B*
ID NUMBER TX-0050 SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION							
MITCHELL ENERGY	TX (R)PSD-TX-139	12.55MMBTU/H	N	BOILER	VOC	.00LB/MMBTU	B*
ID NUMBER TX-0021 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
INDEPENDENT REFIN.	TX (R)PSD-TX-388	14.40MMBTU/H	M	REBOILER	NOX	.11LB/MMBTU	N*
ID NUMBER MA-0004 SOURCE TYPE - 2.1 REFUSE INCINERATION							
NESWC RESOURCE RECOVERY *	MA 029-121MA16	19.60MMBTU/H	N	BOILER, AUXILIARY	CO	.04LB/MMBTU	B*
					NOX	.16LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SOX	.02LB/MMBTU	B*
					SO2	.34LB/MMBTU	B*
ID NUMBER CA-0004 SOURCE TYPE - 9.14 MINERAL WOOL MANUFACTURING							
TEXACO, INC.	CA NCC-78-04	20.00MMBTU/H	M	GENERATOR, STEAM, 3 EA	SO2	.58LB/MMBTU	B*
						2.00% S FUEL OIL	B*
ID NUMBER UT-0007 SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)							
GEOKINETICS INC., OIL SH*	UT	650.00HP		GENERATOR	NOX	38.90LB/H	B*
					VE	20.00% OPACITY	
ID NUMBER PA-0023 SOURCE TYPE - 6.62 OTHER CHEMICAL							
SMITH KLINE CORP.	PA 79PA15	700.00HP EA	N	BOILER, 2 EA	SO2	.20% BY WT #2 OIL	B*
						1.68MMGAL/YR OIL	B*
ID NUMBER CA-0030 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
GETTY OIL CO.	CA SJ-81-11	240.00BBL/D	M	GENERATOR, STEAM, 7	NOX	.15LB/MMBTU PER G*	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER TN-0012	SOURCE TYPE - 2.1 REFUSE INCINERATION						
RESOURCES AUTHORITY	TN	75.00T/D EA	N	BOILER, MUNICIPAL REFUSE FIR*	PM	.04GR/SCF	N*
ID NUMBER TX-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
FRIENDSWOOD REFIN.	TX (R)PSD-TX-387	40.00MMBTU/H	M	BOILER	CO	.01LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.02LB/MMBTU	N*
ID NUMBER OH-0037	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
CENTRAL SOYA CO., INC.	OH 03-779	44.00MMBTU/H	N	BOILER, FLUIDIZED BED	PM	.02LB/MMBTU	
ID NUMBER TX-0063	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
CHAMPLIN PETROLEUM CO.	TX TX-337	47.00MMBTU/H EA	M	BOILER, FUEL GAS, 3	NOX	5.60LB/H	B*
						.12LB/MMBTU	B*
					SO2	1.20LB/H	N*
						.03LB/MMBTU	N*
ID NUMBER CA-0009	SOURCE TYPE - 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING						
KERNRIDGE OIL CO.	CA (R)SJ-79-26	50.00MMBTU/H	M	GENERATOR, STEAM, 11 EA	NOX	.20LB/MMBTU	B*
					PM	.06LB/MMBTU	L*
					PM	.01LB/MMBTU	L*
					SO2	.07LB/MMBTU	
						1.20% S FUEL OIL	
ID NUMBER AL-0010	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
MOBIL OIL EXPLORATION	AL AL-078	50.00MMBTU/H	N	BOILER, SUPPLEMENTAL	NOX	.20LB/MMBTU	
					SO2	1.00LB/H	
ID NUMBER TX-0085	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
TEXAS TAR SANDS, LTD	TX 9075	50.00MMBTU/H	N	GENERATOR, STEAM	PM	.09LB/MMBTU	
					SO2	1.20LB/MMBTU	

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ID NUMBER CO-0008	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
GARY WESTERN REFIN.	CO	47.00MLB/H STE*	M	BOILER #4	NOX	8.41LB/H	B*
ID NUMBER TX-0029	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
LONGVIEW REFIN.	TX PSD-TX-364	74.00MMBTU/H	M	BOILER, 2	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.03LB/MMBTU	B*
ID NUMBER TX-0048	SOURCE TYPE - 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
FORMOSA PLASTICS	TX (R)PSD-TX-226	80.00MMBTU/H	M	BOILER, 5 EA	NOX	.11LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
ID NUMBER TX-0036	SOURCE TYPE - 6.12 CARBON BLACK						
ASHLAND CHEMICAL CO.	TX TX-338	81.00MMBTU/H	M	BOILER, CO	CO	62.00LB/H	B*
					NOX	28.00LB/H	B*
					PM	10.00LB/H	B*
					SO2	565.00LB/H	B*
					VOC	3.00LB/H	B*
ID NUMBER ME-0005	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
LORING AIR FORCE BASE	ME 21-25	84.50MMBTU/H	M	BOILER #7	NOX	.70LB/MMBTU	
					PM	.07LB/MMBTU	
					SO2	1.80LB/MMBTU	
				BOILER #8	NOX	.70LB/MMBTU	
					PM	.07LB/MMBTU	
					SO2	1.80LB/MMBTU	
ID NUMBER TX-0066	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
COASTAL STATES PETROLEUM	TX TX-243	88.00MMBTU/H	M	BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*

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				BOILER, UTILITY		.12LB/MMBTU	B*
					NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
ID NUMBER LA-0027A SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
CYPRESS REFINING CO., HI*	LA PSD-LA-504	99.50MMBTU/H	M	BOILER #1-82	NOX	15.32LB/H	B*
					VE	20.00% OPACITY	B*
				BOILER #2-82	NOX	17.51LB/H	B*
					VE	20.00% OPACITY	B*
ID NUMBER TX-0061 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
UNI OIL	TX (R)PSD-TX-229	103.24MMBTU/H	M	BOILER, PACKAGE	CO	.71LB/H	B*
						.01LB/MMBTU	B*
					NOX	7.94LB/H	B*
						.08LB/MMBTU	B*
					PM	1.59LB/H	B*
						.02LB/MMBTU	B*
					SO2	.79LB/H	N*
						.01LB/MMBTU	N*
					VOC	.06LB/H	B*
						.00LB/MMBTU	B*
ID NUMBER PA-0002 SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS							
PHILADELPHIA GAS WORKS	PA 78PA03	110.00MMBTU/H	M	BOILER	NOX	74.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	75.00LB/H	B*
ID NUMBER LA-0025 SOURCE TYPE - 6.12 CARBON BLACK							
ASHLAND CHEMICAL CO.	LA LA-339	125.40MMBTU/H	M	BOILER, CO	CO	94.00LB/H	B*
					NOX	26.40LB/H	B*
					PM	6.90LB/H	B*
					SO2	977.30LB/H	B*
					VOC	19.30LB/H	B*

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ID NUMBER TX-0041	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SABER REFIN.	TX (R)PSD-TX-324	158.00MMBTU/H	M	REBOILER, 2			
					CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.01LB/MMBTU	N*
ID NUMBER LA-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
TENNECO	LA PSD-LA-199	160.00MMBTU/H	M	BOILER, 13			
					CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
ID NUMBER TX-0039	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SIGMORE REFIN. CO.	TX (R)PSD-TX-331	167.60MMBTU/H	M	BOILER			
					CO	9.68LB/H	B*
					NOX	113.04LB/H	B*
					PM	11.36LB/H	B*
					SO2	132.72LB/H	B*
ID NUMBER TX-0060	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
NEDERLAND PROCESSING CO.	TX TX-262	170.00MMBTU/H O*	N	BOILER			
					CO	6.20LB/H OIL	B*
						.04LB/MMBTU OIL	B*
					CO	2.60LB/H GAS	B*
						.02LB/MMBTU GAS	B*
					NOX	51.00LB/H OIL	B*
						.30LB/MMBTU OIL	B*
					NOX	20.40LB/H GAS	B*
						.12LB/MMBTU GAS	B*
					PM	8.90LB/H OIL	B*
						.05LB/MMBTU OIL	B*
					PM	2.30LB/H GAS	B*
						.01LB/MMBTU GAS	B*
					SO2	79.30LB/H OIL	B*
						.47LB/MMBTU OIL	B*
					SO2	4.20LB/H GAS	B*
						.03LB/MMBTU GAS	B*
					VOC	1.20LB/H OIL	B*

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					VOC	.01LB/MMBTU OIL	B*
						.50LB/H GAS	B*
						.01LB/MMBTU GAS	B*
ID NUMBER CA-0010	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	CA (R)LA-78-18	125000.00LB/H	M	BOILER, STEAM, 2 EA	NOX	.27LB/MMBTU	L*
						.47LB/MMBTU	L*
					SO2	.21% S FUEL OIL	B*
ID NUMBER LA-0036	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
CITIES SERVICE CO.	LA	173.00MMBTU/H	M	BOILER, POWER HOUSE, B-A3,3C	NOX	60.50LB/H	B*
						.35LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
				BOILER, POWER HOUSE, B-3,B-3B	NOX	60.50LB/H	B*
						.01LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
ID NUMBER LA-0051	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
PLACID REFINING CO.	LA PSD-LA-522	175.00MMBTU/H	M	BOILER #B-902	NOX	27.20LB/H	B*
						119.20T/YR	B*
					VE	NO VISIBLE EMI*	
ID NUMBER OH-0034	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
CAMPBELL SOUP CO.	OH 0335010105	150000.00LB/H STEAM	M	BOILER, FLUIDIZED BED, 3			
					PM	.10LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER VA-0048	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
COGENTRIX VIRGINIA LEASI*	VA 61049	200.00MMBTU/H		GENERATOR, STEAM, 6 EA	CO	120.00LB/H	
						565.60T/YR	
					NO2	120.00LB/H	
						565.60T/YR	

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					PM .03LB/MMBTU	
					5.90LB/H	
					SO2 1.52LB/MMBTU	
					304.00LB/H	
					VOC 3.00EE-3 LB/MMBTU	
					.60LB/H	
ID NUMBER TX-0157	SOURCE TYPE - 5.2 PETROLEUM REFINING - CONVERSION					
KOCH REFINING CO.	TX 9398	212.50MMBTU/H	M	BOILER, CONVERTED CO	CO 35.00LB/MMSCF	N*
					NOX .12LB/MMBTU	B*
					PM 5.00LB/MMSCF	N*
					SO2 .10GR H2S/DSCF FU*	B*
					VOC 2.80LB/MMSCF	N*
ID NUMBER LA-0018	SOURCE TYPE - 6.62 OTHER CHEMICAL					
HCC CHEMICAL CO.	LA (R)PSD-LA-108	230.00MMBTU/H	N	BOILER, WASTE GAS	NOX .20LB/MMBTU	
					PM .01LB/MMBTU	
ID NUMBER PA-0030	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
CONTAINER CORP. OF AM	PA 80168	190000.00LB/H STEAM	M	BOILER #1, RILEY P.C.	PM .06LB/MMBTU HEAT *	N*
					SO2 .50LB/MMBTU HEAT *	N*
ID NUMBER CA-0134	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER					
VALLEY POWER ASSOC.	CA SJ 84-02	190000.00LB/H STEAM	N	BOILER	CO 329.00PPMV	
					NOX 143.00PPMV	
					SO2 38.00PPMV	
ID NUMBER TX-0034	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
DIAMOND SHAMROCK CORP.	TX TX-346	240.00MMBTU/H	M	BOILER, PROCESS, 2	CO 6.81LB/H	B*
					NOX 130.00LB/H	B*
					PM 10.06LB/H	B*
					SO2 103.87LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
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PROCESS CODE 1.6

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER FL-0011 SOURCE TYPE - 7.8 SUGAR CANE PROCESSING							
ATLANTIC SUGAR ASSOC.	FL PSD-FL-078	54681.00LB/H BAGA*	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
				BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
					VOC	2.00LB/T BAGASSE F*	S*
ID NUMBER TX-0075 SOURCE TYPE - 6.14 CHLORALKALI							
DIAMOND SHAMROCK CORP.	TX TX-276	246.00MMBTU/H	M	GENERATOR, STEAM, HEAT RECOV*	CO	4.08LB/H EA	B*
						.02LB/MMBTU	B*
					NOX	55.20LB/H EA	B*
						.22LB/MMBTU	B*
					PM	3.60LB/H EA	B*
						.02LB/MMBTU	B*
ID NUMBER CA-0062 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
CALIFORNIA POWER & LIGHT	CA SJ 83-08	80500.00LB/H BIOM*	N	BOILER, 2 EA	CO	309.00LB/H	
					NOX	140.00LB/H	
					PM	.01GR/DSCF	
					SO2	37.00LB/H	
						40.00PPM AT 3% O2	
ID NUMBER TX-0073 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
PETRACO VALLEY OIL & REF*	TX TX-236	255.00MMBTU/H	N	BOILER	CO	2.30LB/H	B*
						.01LB/MMBTU	B*
					NOX	31.70LB/H	B*
						.12LB/MMBTU	B*
					PM	1.90LB/H	B*
						.01LB/MMBTU	B*
					SO2	3.40LB/H	N*
						.01LB/MMBTU	N*
					VOC	.40LB/H	B*
						.00LB/MMBTU	B*
ID NUMBER NC-0024 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
PEAT METHANOL ASSOCIATES	NC 4930	300.00MMBTU/H	N	BOILER, PEAT	PM	9.70LB/H	

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					.03LB/MMBTU	
					SO2 153.00LB/H	
					.51LB/MMBTU	
ID NUMBER CA-0032A	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
SIMPSON LEE PAPER CO.	CA 74-PO-23	6000.00GAL/H B.L.	N	BOILER, RECOVERY		
ID NUMBER TX-0077	SOURCE TYPE - 6.24 ETHYLENE AND POLYETHYLENE					
TEXAS EASTMAN CO.	TX TX-332	330.00MMBTU/H	M	BOILER, 2	PM .15GR/DSCF	
					CO 4.60LB/H TAR	B*
					3.20LB/H NAT GAS	B*
					NOX 42.00LB/H TAR	B*
					22.80LB/H NAT GAS	B*
					PM 14.00LB/H TAR	B*
					1.00LB/H NAT GAS	B*
					SO2 12.00LB/H TAR	B*
					1.00LB/H NAT GAS	B*
ID NUMBER FL-0012	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING					
OSCEOLA FARMS CO.	FL FL-0012	80000.00LB/H BAGA*	N	BOILER, BAGASSE	PM .15LB/MMBTU INPUT	B*
ID NUMBER LA-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
TENNECO	LA PSD-LA-199	350.00MMBTU/H	M	BOILER, CO	CO .02LB/MMBTU GAS	B*
					.03LB/MMBTU OIL	B*
ID NUMBER TX-0052	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
PHILLIPS PETROLEUM CO.	TX PSD-TX-102M-1	370.00MMBTU/H	M	BOILER, CO, 2	CO .02LB/MMBTU	
					NOX 1.90LB/MMBTU	
					PM .31LB/MMBTU	
					SO2 .10LB/MMBTU	
					VOC .00LB/MMBTU	
ID NUMBER AL-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
HAMMERMILL PAPER	AL PSD-AL-062	382.00MMBTU/H	M	BOILER, RECOVERY, #1	PM 4.00LB/ADTP	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	272.00LB/H	
					TRS	20.00PPM	
ID NUMBER GA-0014 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)							
AUGUSTA NEWSPRINT CO.	GA 2621-121-8497	400.00MMBTU/H	N	BOILER	NOX	.30LB/MMBTU BARK/*	N*
						.20LB/MMBTU BARK/*	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	
						298.00LB/H	
ID NUMBER AL-0018 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
ALABAMA RIVER PULP CO., *	AL 1-06-0010-X001*	438.00MMBTU/H	N	BOILER, POWER	NOX	.70LB/MMBTU	
					PM	.23GR/DSCF AT 50%*	
					SO2	2033.00T/YR	
ID NUMBER AL-0019 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
UNION CAMP CORP.	AL 201-0001-X008,*	1340.00ADTP/D	M	BOILER, RECOVERY, #2			
					PM	.04GR/DSCF AT 8% *	
					TRS	5.00PPM AT 8% O2	
ID NUMBER AL-0020 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	495.00MMBTU/H	N	GENERATOR, FOSSIL FUEL STEAM	CO	117.00LB/H	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER FL-0010 SOURCE TYPE - 7.8 SUGAR CANE PROCESSING							
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	264000.00LB/H	N	BOILER, BAGASSE/RESIDUE, 86 *	CO	140.00LB/H	B*
						326.00T/YR	B*
					NOX	123.00LB/H	B*
						209.00T/YR	B*
					PM	.15LB/MMBTU	B*
						75.60LB/H	B*
					SO2	14.00T/D	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER AL-0020	SOURCE TYPE - 10.1 KRAFT PULP MILLS				VOC	140.00LB/H	B*
						325.00T/YR	B*
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	763.00ADTP/D	N	BOILER, RECOVERY	CO	63.60LB/H	
					NOX	31.80LB/H	
					PM	.04GR/DSCF AT 8% *	
					SO2	391.00LB/H	
					TRS	.50PPM AT 8% O2	
ID NUMBER AR-0007	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
INTERNATIONAL PAPER CO.	AR 78-AR-1	683.40MMBTU/H	N	BOILER, STEAM	CO	70.00LB/H	
					NOX	480.00LB/H	
					PM	.10LB/MMBTU	
					SO2	820.00LB/H	
ID NUMBER AL-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
HAMMERMILL PAPER	AL PSD-AL-062	737.00MMBTU/H	M	BOILER, RECOVERY, #2	CO	456.60LB/H	B*
					NOX	114.20LB/H	B*
					PM	66.20LB/H	N*
					SO2	1901.00T/YR	B*
					TRS	5.00PPM AT 8% O2	N*
ID NUMBER SC-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
BOWATER CAROLINA CO.	SC (R)P/C-46-210*	900.00T/D ADP	N	FURNACE, RECOVERY	PM	.04GR/DSCF	
					SO2	300.00PPM	
					TRS	5.00PPM	
ID NUMBER MS-0005	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WEYERHAEUSER CO.	MS PSD-MS-027	762.00MMBTU/H	M	BOILER, POWER, COMBUSTION FU*	NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*

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ID NUMBER NC-0019A	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
FEDERAL PAPER BOARD CO.,*	NC 4924	771.00MMBTU/H	N	BOILER, POWER, 86	CO	.05LB/MMBTU COAL	A*
					NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					NOX	.20LB/MMBTU GAS	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*
ID NUMBER CA-0034	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
OCCIDENTAL GEOTHERMAL - *	CA NSR-4-4-1 NC-8*	80.00MW	N	PLANT, POWER	H2S	8.00LB/H	
ID NUMBER ME-0001	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ST. REGIS PAPER CO.	ME AEL-13-47	814.00MMBTU/H	M	BOILER, BIOMASS FUEL			
					PM	.08LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AL-0018	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ALABAMA RIVER PULP CO., *	AL 1-06-0010-X001*	1086.00ADTP/D	N	BOILER, RECOVERY			
					PM	.04GR/DSCF AT 8% *	
					TRS	5.00PPM AT 8% O2	
ID NUMBER AL-0002	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
SCOTT PAPER	AL AL 068	1100.00T/D ADP	M	BOILER, RECOVERY	CO	770.00LB/H	B*
					NOX	242.00LB/H	B*
						402.00T/YR	B*
					PM	.04GR/DSCF	N*
					SO2	344.00LB/H	B*
						1003.00T/YR	B*
					TRS	5.00PPM	N*
ID NUMBER TX-0071	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
KIRBY FOREST INDUSTRIES	TX TX-231	935.00MMBTU/H	N	BOILER, RECOVERY	CO	82.60LB/H	B*

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						.09LB/MMBTU	B*
					NOX	67.80LB/H	B*
						.07LB/MMBTU	B*
					PM	83.40LB/H	N*
						.09LB/MMBTU	N*
					SO2	434.00LB/H	B*
						.46LB/MMBTU	B*
					TRS	6.10LB/H	N*
						.01LB/MMBTU	N*
ID NUMBER CA-0015A PACIFIC GAS & ELECTRIC C*	SOURCE TYPE - 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE) CA NSR 4-4-1 NC 8*	110.00MW	N	PLANT, POWER	H2S	7.50LB/H	B*
ID NUMBER AL-0016 MACMILLAN BLOEDAL	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT) AL AL-063	960.00MMBTU/H	M	BOILER, RECOVERY	CO	12325.00T/YR	N*
					NOX	902.00T/YR	N*
					PM	.04GR/DSCF AT 8% *	N*
					SO2	2339.00T/YR	N*
					TRS	5.00PPM AT 8% O2	N*
ID NUMBER MS-0005 WEYERHAEUSER CO.	SOURCE TYPE - 10.1 KRAFT PULP MILLS MS PSD-MS-027	155.00T/H BLS	N	BOILER, RECOVERY, KRAFT MILL	NOX	70.00PPM	B*
					PM	.04GR/DSCF	N*
					SO2	100.00PPM	B*
					TRS	5.00PPM	N*
ID NUMBER ID-0003 POTLATCH	SOURCE TYPE - 10.1 KRAFT PULP MILLS ID	90.00T/H BLS	N	BOILER, RECOVERY	CO	1223.00LB/H	
					NOX	321.00LB/H SEE NOTE 3	
					PM	58.00LB/H SEE NOTE 2	
						.03GR/DSCF	
					SO2	450.00LB/H SEE NOTE 6	
						200.00PPM	

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ID NUMBER TX-0083	SOURCE TYPE - 6.27 ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX 5252	1.20MMBTU/H *	N	BOILER, 4 & HEATER, 6	NOX	569.00T/YR	A*
						.18LB/MBTU	A*
					PM	15.00T/YR	
					SO2	1.10T/YR	
ID NUMBER SC-0003	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WESTVACO CORP.	SC SC-037	187500.00LB/H BLS	N	BOILER, RECOVERY, #10	NOX	.25LB/MMBTU	B*
					PM	.03GR/DSCF	B*
					SO2	250.00PPM	B*
					TRS	.02LB/T BLS	N*
ID NUMBER CA-0181	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
PACIFIC GAS & ELECTRIC C*	CA NC 84-02	140.00MW		POWER PLANT	H2S	11.25LB/H	
ID NUMBER MI-0024	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CHAMPION INTERNAT. CORP.	MI 33-80	380000.00LB/H	N	BOILER, RECOVERY, BLACK LIQU*	PM	.04GR/DSCF	N*
					TRS	5.00PPM BY VOL	
ID NUMBER UT-0024	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
PARAHO DEVELOPMENT CORP.	UT	2110.00MMBTU/H	N	POWER GENERATION FACILITY	CO	.02LB/MMBTU	
					NOX	.25LB/MMBTU	N*
					NOX	.20LB/MMBTU	N*
					PM	.02LB/MMBTU	
					SO2	.14LB/MMBTU	
					VOC	.00LB/MMBTU	
ID NUMBER UT-0025	SOURCE TYPE - 5.14 CRUDE OIL/[illegible]. GAS PRODUCTION (INCL. OIL SHALE)						
WHITE RIVER SHALE OIL CO*	UT MAJ 053082-IT	24[illegible]MMBTU/H	N	BOILER & POWER PLANTS (3 STK)	NOX	.20LB/MMBTU	
						487.50LB/H	
					PM	.03LB/MMBTU	
						73.20LB/H	
					SO2	.07LB/MMBTU	
						166.90LB/H	

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ID NUMBER CA-0029 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
PACIFIC GAS & ELECTRIC C*	CA (R)NSR-4-4-3 *	2.00MMLB/H ST*	N	PLANT, POWER	H2S	10.40LB/H	B*
ID NUMBER LA-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-106	6507.00MMBTU/H	N	BOILER, LIGNITE FIRED	CO	.09LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	N*
					SO2	1.08LB/MMBTU	
ID NUMBER TX-0004 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
TEXAS UTILITIES SERVICE,*	TX PSD-TX-44	750.00MW	N	LIGNITE FIRED STEAM ELECT.	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER TX-0008 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-371	7863.00MMBTU/H	N	BOILER, LIGNITE FIRED, 2 EA	BE	.00LB/MMBTU	B*
					CO	.11LB/MMBTU	B*
					HG	.00LB/MMBTU	B*
					H2*	.03LB/MMBTU	B*
					NOX	.60LB/MMBTU	N*
					PB	.00LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	SEE NOTE	
					VOC	.00LB/MMBTU	B*
ID NUMBER TX-0003 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
TEXAS UTILITIES GEN CO.	TX PSD-TX-32	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER TX-0002 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
TEXAS UTILITIES SERVICE,*	TX PSD-TX-47	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
(1) ID NUMBER MI-0039 SOURCE TYPE - 2.1 REFUSE INCINERATION							

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CE - RESOURCE RECOVERY S*	MI 468-83	45.70T RDF/H EA	N	BOILER, WATER WALL, 3	CD	.09LB/H	B*
					CH*	3.50LB/H	B*
					CH*	.02LB/H	B*
					CO	249.00LB/H	L*
					DI*	4.30EE-3 LB/H	B*
					F	3.75LB/H	B*
					HCL	294.00LB/H	B*
					HG	.07LB/H	B*
					NOX	226.00LB/H	B*
					PB	1.37LB/H	B*
					PM	.03GR/DSCF AT 12%*	L*
						40.30LB/H	L*
					SO2	457.10LB/H, NOTE #2	B*
					VE	20.00% OPACITY	B*
					VOC	20.50LB/H	B*
(1) ID NUMBER CA-0183 CITY OF LONG BEACH	SOURCE TYPE - CA LA 83-01	2.1 REFUSE INCINERATION 450.00T/D	N	BOILER, WATER WALL, 3 EA	HF	3.30LB/H	
					HG	.13LB/H	
					PB	.08LB/H	
					SO2	26.00PPM AT 12% CO2*	
(1) ID NUMBER CA-0184 ENERCAN RESOURCES, INC.	SOURCE TYPE - CA LA 84-02	2.1 REFUSE INCINERATION 450.00T/D	N	BOILER, WATER WALL, 4 EA	HF	.32LB/H	
					HG	.12LB/H	
					PB	.26LB/H	
					SO2	26.00PPM AT 12% CO2*	
(1) ID NUMBER MA-0002 ENERGY ANSWERS CORP.	SOURCE TYPE - MA 025-120MA14	2.1 REFUSE INCINERATION 600.00T/D RDF EA	N	BOILER, WATER COOLED, 3 EA	NOX	.50LB/MMBTU	B*
					PM	.05GR/DSCF 12% CO2	B*
					SO2	.34LB/MMBTU	B*
						.30% S BY WT, OIL	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
(1) ID NUMBER CA-0132A NORTH COUNTY RESOURCE RE*	SOURCE TYPE - CA SD 84-01	2.1 REFUSE INCINERATION 1024.00T/D		BOILER		
					HF 1.30LB/H, 2 H AVG	
					HG .13LB/H, 2 H AVG	
					NOX 200.00PPM AT 12% CO2*	
					PB 4.00EE-4 GR/DSCF A*	
					SO2 70.00PPM AT 12% CO2*	
					30.00PPM AT 12% CO2*	
(1) ID NUMBER CA-0132 NORTH COUNTY RESOURCE RE*	SOURCE TYPE - CA 30289	2.1 REFUSE INCINERATION 46.40T/H RDF	N	BOILER, SEE NOTE #1		
					AS 2.84EE-6 LB/H	
					BE 2.34EE-5 LB/H	
					CD 1.09EE-2 LB/H	
					CO 400.00PPMV, 8 H AVG	L*
					236.00LB/H	L*
					CR 1.46EE-3 LB/H	
					CU 1.56EE-2 LB/H	
					FSP 8.00EE-3 GR/DSCF	
					HCL 30.00PPMV, 8 H AVG	
					10.40LB/H	
					HF 3.00PPMV, 8 H AVG	
					.21LB/H	
					HG 7.95EE-2 LB/H	
					MN 2.80EE-2 LB/H	
					MO 7.54EE-4 LB/H	
					NI 1.53EE-4 LB/H	
					NOX 200.00PPMV, 8 H AVG	B*
					169.00LB/H	B*
					OD* 1.00ODOR UNIT AT P*	
					PAH 2.39EE-5 LB/H	
					PB 1.27EE-1 LB/H	
					PCB 1.52EE-4 LB/H	
					PC* 8.12EE-4 LB/H	
					PC* 1.64EE-3 LB/H	
					PM .01GR/DSCF	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						64.50LB/H	
					SB	1.73EE-2 LB/H	
					SE	6.71EE-5 LB/H	
					SN	1.44EE-2 LB/H	
					SO2	30.00PPMV, 8 H AVG	
						38.90LB/H	
					V	6.29EE-3 LB/H	
					VE	10.00% OPACITY INST*	
						.00% OPACITY > 3 *	
					VOC	30.00PPMV, 8 H AVG	L*
						10.10LB/H	L*
					ZN	3.86EE-3 LB/H	
(1) ID NUMBER CA-0185	SOURCE TYPE - 2.1 REFUSE INCINERATION						
STANISLAUS WASTE ENERGY *	CA SJ 86-03	400.00T/D	N	BOILER, WATER WALL, 2 EA	CO	400.00PPM AT 12% CO2	
					HG	.08LB/H	
					NOX	175.00PPM AT 12% CO2*	
					PM	.01GR/DSCF AT 12%*	
					SO2	42.00PPM AT 12% CO2*	
(1) ID NUMBER TX-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
FRIENDSWOOD REFIN.	TX (R)PSD-TX-387		M	BOILER COMPLEX, CO	CO	175.50LB/H	N*
					NOX	103.50LB/H	B*
					SO2	48.00LB/H	N*
(1) ID NUMBER AZ-0001	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
PROVIDENT ENERGY CO.	AZ (R)AZP79-02		N	BOILER & HEATER	NOX	.43LB/MMBTU 2H AV	
(1) ID NUMBER VI-0001	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
VIRGIN ISLANDS REFINERY *	VI NONE	175000.00BBL/D	N	BOILER, FOSSIL FIRED, 3	CO	14.00T/YR	B*
					NOX	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
					PM	.35LB/MMBTU	B*
					SO2	20.00PPM H2S GAS	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.33% S BY WT, OIL	B*
					VOC	3.00T/YR	B*
(1) ID NUMBER CO-0009	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
OXY-LOGAN WASH MODIF.1980 CO			M	BOILER, ETC	CO	2.00LB/H	B*
					NOX	52.00LB/H	B*
					PM	7.00LB/H	B*
					SO2	31.00LB/H	
					VOC	3.00LB/H	B*
(1) ID NUMBER UT-0020	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
TOSCO OIL SHALE-1981	UT		M	BOILER, AUXILIARY, 2	CO	2.90LB/H	B*
					NOX	18.00LB/H	B*
					PM	3.20LB/H	B*
					SO2	8.00LB/H	B*
(1) ID NUMBER CO-0014	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
UNION OIL SHALE #1	CO			BOILER, STEAM	NOX	12.00LB/H	B*
(1) ID NUMBER GA-0005	SOURCE TYPE - 6.62 OTHER CHEMICAL						
UNION CARBIDE	GA GA 069		M	BOILER	SO2	418.00T/YR	
(1) ID NUMBER TX-0117	SOURCE TYPE - 8.22 OTHER METALLURGICAL PROCESSES						
LEVIN FIXTURE CORP.	TX X-4027		M	BOILER	CO	.14LB/H	
					NOX	1.84LB/H	
					PM	.12LB/H	
(1) ID NUMBER WI-0035	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CONSOLIDATED PAPERS, INC. WI 86-AJH-001		1.40MMLB/D BLS	M	BOILER, RECOVERY	CO	1000.00PPMDV	B*
						317.60LB/H	B*
					NO2	53.00PPMDV	B*
						27.50LB/H	B*
					PM	.03GR/DSCF AT 6% *	B*
					SO2	158.00PPMDV	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6 REPORT DATE 05/29/1987

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					114.60LB/H	B*
					TRS 5.00PPMDV AT 8% O2	B*
					VE 20.00% OPACITY	B*
(1) ID NUMBER MS-0008	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
LEAP RIVER FOREST	MS MS 035		N	BOILER, RECOVERY	PM .046R/DSCF	B*
					SO2 458.00LB/H	B*
					300.00PPM	B*
					TRS 5.00PPM AT 8% FUEL	B*

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APPENDIX D

DETAILED LISTING OF SOURCE TYPE CODES

SOURCE TYPE	CODE
1. External Combustion	1.0
Coal combustion	1.1
Oil combustion	1.2
Natural gas combustion	1.3
Wood waste combustion	1.4
Multiple fuels	1.5
Other	1.6
2. Solid Waste Disposal	2.0
Refuse incineration	2.1
Sewage sludge incineration	2.2
Other	2.3
3. Internal Combustion	3.0
Natural gas turbines	3.1
Natural gas compressors	3.2
Other	3.3
4. Organic Evaporation Loss	4.0
Surface coating of cans and coils	4.1
Surface coating of paper and fabrics	4.2
Surface coating of automobiles and light duty trucks	4.3
Surface coating of metal furniture	4.4
Surface coating of magnet wire	4.5
Surface coating of large appliances	4.6
Surface coating of miscellaneous metal parts and products	4.7
Surface coating of flatwood paneling	4.8
Solvent degreasing	4.9
Waste solvent reclamation	4.11
Graphic arts	4.12
Dry cleaning	4.13
Wood furniture refinishing	4.14
Other	4.15
5. Petroleum Refining, Oil and Gas Production and Related Industries	5.0
Petroleum refining - separation processes (distillation & light ends recovery)	5.1
Petroleum refining - conversion processes (cracking, reforming, alkylation, polymerization, isomerization, and coking)	5.2
Petroleum refining - treating processes (hydrodesulfurization, hydrotreating, chemical sweetening, acid gas removal, and deasphalting)	5.3

SOURCE TYPE	CODE
Petroleum refining - feedstock (storage, blending, loading, and unloading)	5.4
Petroleum refining - auxiliary (boilers, wastewater treatment, hydrogen production, sulfur recovery, cooling towers, blow-down system, compressor engines, heaters, and incinerators)	5.5
Petroleum refining -entire operation	5.6
Bulk terminals	5.7
Bulk plants	5.8
Storage of petroleum liquids	5.9
Transportation and marketing of petroleum products	5.11
Natural gas/gasoline processing plants	5.12
Asphalt and associated products manufacturing and processing	5.13
Crude petroleum and natural gas production including oil shale	5.14
Oil and gas field services	5.15
Other	5.16
6. Chemical Process Industry	
Acrylonitrile	6.0
Acetic acid	6.1
Acrylic acid	6.2
Acetic anhydride	6.3
Acrolein	6.4
Acetaldehyde	6.5
Adipic acid	6.6
Aniline	6.7
Alkylbenzene	6.8
Butadiene	6.9
Carbon black	6.11
Charcoal	6.12
Chloroalkali	6.13
Chlorobenzene	6.14
Chloromethane	6.15
Chloroprene	6.16
Caprolactam	6.17
Cyclohexanol, cyclohexane	6.18
Cumene	6.19
Dimethyl terephthalate	6.21
Ethylene dichloride	6.22
Ethylene and polyethylene	6.23
Ethylene oxide	6.24
Ethylene glycols	6.25
Ethylbenzene/styrene	6.26
Ethyl acetate	6.27
Epichlorohydrin	6.28
Fluorocarbons	6.29
Formaldehyde	6.31
Glycol ethers	6.32
Hydrochloric acid	6.33
Hydrofluoric acid	6.34
	6.35

SOURCE TYPE	CODE
Maleic anhydride	6.36
Methanol	6.37
Methyl ethyl ketone	6.38
Nitric acid	6.39
Nitrobenzene	6.41
Paint and varnish	6.42
Pharmaceutical	6.43
Phosphoric acid	6.44
Phthalic anhydride	6.45
Proylene oxide	6.46
Phenol/acetone	6.47
Soap and detergents	6.48
Sodium carbonate	6.49
Sulfuric acid	6.51
Sulfur recovery	6.52
Synfuels and fuel conversion other than oil shale	6.53
Synthetic fibers	6.54
Synthetic rubber/rubber tires	6.55
Toluene diisocyanate	6.56
Trichloroethane	6.57
Terpthalic acid	6.58
Vinyl chloride and polyvinyl chloride	6.59
Alcohol fuel production	6.61
Other	6.62
7. Food and Agricultural	
Alfalfa dehydrating	7.0
Roasting	7.1
Feed and grain mills and elevators	7.2
Fermentation and alcoholic beverages	7.3
Fish processing	7.4
Fertilizer plants	7.5
Starch manufacturing	7.6
Sugar cane processing	7.7
Fats and vegetable oils	7.8
Fruit and vegetable processing	7.9
Other	7.11
	7.12
8. Metallurgical	
Primary aluminum production	8.0
Coke production	8.1
Primary copper smelting	8.2
Ferroalloy production	8.3
Iron and steel production	8.4
Primary lead smelting	8.5
Zinc smelting	8.6
Secondary aluminum	8.7
Secondary copper smelting and alloying	8.8
Gray iron foundaries	8.9
	8.11

SOURCE TYPE	CODE
Secondary lead smelting	8.12
Secondary magnesium smelting	8.13
Steel foundaries	8.14
Secondary zinc processing	8.15
Storage battery production/reclamation	8.16
Lead oxide and pigment production	8.17
Miscellaneous lead products	8.18
Ore crushing and grinding	8.19
Sintering	8.21
Other	8.22
9. Mineral Products Industry	9.0
Asphalt batching plants	9.1
Bricks, ceramic, and related clay products	9.2
Refractories	9.3
Portland cement manufacturing	9.4
Cement manufacturing - other than Portland	9.5
Coal cleaning	9.6
Coal cleaning (thermal dryer)	9.7
Glass fiber manufacturing	9.8
Frit manufacturing	9.9
Glass manufacturing	9.11
Gypsum manufacturing	9.12
Lime manufacturing	9.13
Mineral wool manufacturing	9.14
Perlite manufacturing	9.15
Phosphate rock processing	9.16
Stone quarrying, sand and gravel processing	9.17
Taconite ore processing	9.18
Mining operations	9.19
Other	9.21
10. Wood Products	10.0
Kraft pulp mills	10.1
Wood pulping other than Kraft	10.2
Hardboard	10.3
Plywood plants	10.4
Woodworking	10.5
Other	10.6
11. General Manufacturing and Fabrication	11.0
12. Institutional/Commercial	12.0

APPENDIX E

ABBREVIATIONS FOR PROCESS AND EMISSION LIMITS

Abbreviations for Process and Emission Limits

ADD	additive
AL	aluminum
AM	American
ASSOC	association
ATMOS	atmospheric
CALC	catalytic
CO	company
COLL	collection
COOP	cooperative
CORP	corporation
DECARB	decarbonization
DESULF	desulfurization
DISTIL	distillation
DISTN	distribution
DIV	division
E	eastern
EA	each
ELECT	electric
FAC	facility
FCC	fluid catalytic cracking
FCCU	fluid catalytic cracking unit
FURN	furnace

GEN	generator
HAND	handling
I.C.	internal combustion
INCIN	incinerator
INDEPEN	independent
INTERNAT	international
LAB	laboratory
LDOUT	loadout
LIQ	liquid
LT	light
MATL	material
MFG	manufacturing
MISC	miscellaneous
MODIF	modification
NAT	natural
NATL	national
PREP	preparation
PROD	production
PWR	power
REC	recovery
RECIP	reciprocating

RECLAM	reclaimation
REFIG	refrigeration
REFIN	refinery
REG	regular
REGEN	regenerator
RESID	residual
ROT	rotary
SCRUB	scrubber
SECOND	secondary
SHIP	shipping
STOR	storage
SUP	supplementary
SYS	system
TRANS	transmission
UNIV	university
VAC	vacuum
VERT	vertical

ACF	actual cubic feet
ACFM	actual cubic feet per minute
ADP	air dried pulp
AV	average
BBL	barrels
BLS	black liquor solids
BPSD	barrels per stream day
BTU	British thermal units
CF	cubic feet
CFM	cubic feet per minute
CU YD	cubic yard
D	day
D FEED	dry feed
DACF	dry actual cubic feet
DIST	distillate
DSCF	dry standard cubic feet
F	feet
G	gram
G/HP-H	grams per horsepower - hour
G/O	gas/oil
GAL/M	gallons per minute
GR	grains
H	hour
HP	horsepower
J	joule

KG	kilogram
KW	kilowatt
LB	pound
LT	long ton
M	thousand (10^3)
MM	million (10^6)
MG/L	milligram per liter
MW	megawatt
N	natural
NG	nanogram
PPM	parts per million
PPH	parts per hundred
RDF	refuse derived fuel
RESID	residual
S	sulfur
SB	subbituminous
SCF	standard cubic feet
SCFD	standard cubic feet per day
SCFM	standard cubic feet per minute
SEC	second
SQF	square feet
T	ton
VOL	volume
WKS	weeks
YR	year

APPENDIX F

FORMAT FOR BACT/LAER CLEARINGHOUSE SUBMITTALS AND INSTRUCTIONS FOR COMPLETING BACT/LAER INPUT SUMMARY SHEET

INSTRUCTIONS FOR COMPLETING BACT/LAER CLEARINGHOUSE INPUT SUMMARY SHEET

1. Source Type/Size: Where possible, use one of the categories listed in Appendix D (Detailed Listing of Source Type Codes) of the April 1983 BACT/LAER Clearinghouse Compilation (attached) to define the source type. If the source you have is not contained in the list of source type codes, list it by its name. Size should indicate the total capacity of the new or modified plant, not just the size of the unit or units covered by the plant, i.e., an 1800 mw power plant is made up of three 600 mw units. The size should be 1800 mw not 600 mw. Whenever possible, use the standardized list of abbreviations (Appendix E -- Abbreviations for Process and Emission Limits) for units of measure (copy attached).

2. Source Code: Enter a source code listed in Appendix D.

3. Company Name/Site Location: Insert name and address of the proposed facility. The address should be the location of the proposed facility not the address of the parent company unless they are the same. City and/or county locations are usually enough, unless there is more than one plant for the company in the same city or county.

4. Determination: Circle "BACT" or "LAER" depending on the type of determination. In some cases both should be circled depending on the status of the pollutants in question. Circle "New" or "Modified," depending on the nature of the permit. If the permit covers a new unit at a new or existing source, it should be marked as "New." If the addition of a new unit to an existing source triggers a new permit for the entire source, then it should be circled "Modified." If the permit is only for a single unit, but the unit was modified, then it should be circled "Modified."

5. Permit Number: This should be the identification number assigned by the agency that issued the permit.

6. Date of Permit Issuance: Specify day, month, and year.

7. Date of Estimated Start-up: Specify day, month, and year. This item should be your best estimate as to when the permitted unit will reach full-scale commercial operation. Other control agencies could use this date to decide if follow-up calls should be made for new information. Reducing the number of follow-up calls to your Agency should reduce your work-load.

Using our automated system and this date, we can supply you with a list of your sources that may give you some follow-up information.

8. Determination Made By: Designate the agency and the person to whom telephone requests should be directed. This should be the person most capable of responding to factual questions about the permit decision. Please include the area code with the phone number.

9. Permit Parameters: List all processes subject to this permit by name (e.g., kiln, boiler) for which a throughput limit, operating limit, emission limit, control strategy, performance or equipment standard has been specified.

Process name or process equipment should be listed with the generic name first; followed by any specifics regarding the process; followed by the number of units or pieces of equipment being permitted if more than one. For example:

Boiler, coal-fired, 3 each
Kiln, 3 each
Conveyors, coal/limestone
Furnace, arc
Boiler, recovery
Boiler, power
Engines, gas-fired

10. Throughput Capacity: Indicate the maximum design capacity of the unit. Where possible, use the same units of measure used in the NSPS to describe the size of a source. Wherever possible, use the list of standardized abbreviations for process and emission limits - Appendix E.

11. Pollutant(s) Emitted: An entry should be made for each pollutant or parameter for which a control requirement or other restraint has been specified (PM, SO_2, CO_2, NO_x, opacity, or others). Use a separate line for each entry and identify the pollutant. Use the following standard abbreviations for the pollutants wherever possible:

PM	Particulate Matter
SO_2	Sulfur Dioxide
NO_x	Nitrogen Oxides
CO	Carbon Monoxide
VOC	Volatile Organic Compounds
VE	Visible Emission
TRS	Total Reduced Sulfur
F	Fluoride
Be	Beryllium
H_2S	Hydrogen Sulfide
Hg	Mercury
VC	Vinyl Chloride

12. BACT/LAER Emission Limit(s): For consistency and ease of comparison list the emission limit or rate in the same units of measure as those used for NSPS or those used in AP-42 for those source types where an NSPS has not been proposed or promulgated. Wherever possible use the list of standard abbreviations (Appendix E).

If there are two ways of expressing the emission limits or there are two limits the source must meet, these alternate or additional emission limits can be entered as alternate limits in the system and should be designated with an "Alter." on the form.

13. Regulatory Requirements Associated with Limit: Indicate the regulatory requirement that precipated establishing the limit presented, i.e., BACT, LAER, RACT, NSPS, NESHAPS, SIP, NAAQS constraint, internal constraints, or other items.

Do not list such items as stack test, design or others. These items generally represent the supporting information that may have been used to document or establish the given limit. Such items should be included in the notes section.

To facilitate the identification of limits the following abbreviations can be used:

B = BACT
L = LAER
N = NSPS
H = NESHAPS
A = Constraint by NAAQS or PSD increment
I = Internal Constraints
S = SIP
R = RACT
U = Unregulated

The following example is given to illustrate how a set of emission limits should be identified. Given:

A new 250 mm Btu/HR coal and chemical waste fired boiler located in an area that is nonattainment for SO_2 and attainment for all other pollutants. The NO_x limit was determined by ambient air quality constraints that required more control than BACT. Neither CO nor VOC are subject to BACT because of emissions below the PSD cut-off for BACT review. The State has no requirements for CO.

The emission limits for this boiler should be listed as follows:

PM	x lb./MM BTU	B
SO_2	y lb./MM BTU	L
NO_x	z lb./MM BTU	A
VOC	98% control	S
CO	b lb./MM BTU	U

14. Control Equipment or Process Modification Description: Describe control equipment (ESP, fabric filter, etc.), operational modifications, limits on the type and amount of raw materials used, limits on throughput or hours of operation, maintenance requirements, equipment specifications, or other limitations. Align these listings with data presented in preceding columns 11 and 12. Information in this section may be supplemented under the "Notes" section.

15. Efficiency %: Enter the overall system efficiency, consisting of capture (hoods, ductwork, etc.) and collection (control device) efficiency. Any breakdown of efficiencies for capture or collection individually should be shown under "Notes."

16. Notes: This section is for the completion or elaboration of any of the above items where space was a problem. Also, any information that you feel other agencies should know about this determination should appear here. Notes are typically used for the following:

- more than one permit number,

- more detail on a particulate process,

- more than one contact person,

- further explanation regarding the designation of a source as new or modified,

- further explanation of the emission limit or the support documentation associated with setting the limit (i.e., limit based on design or stack test).

Mail to: Candace Sorrell
BACT/LAER Clearinghouse
U.S. EPA (MD-19)
RTP, NC 27711

BACT/LAER DETERMINATION INPUT SUMMARY SHEET

[2] Source Code

Date of This Report

Source Type/Size:[1]

Company Name/Site Location:[3]

Determination is:[4] (circle appropriate definition)

BACT/LAER For New/Modified Source:

Permit No.:[5]

Date of Permit Issuance:[6]

Date of Estimated Start-up:[7]

Determination Made By:[8]
(Agency)

(Person Directly Knowledgeable About Permit) (Phone)

9 Permit Parameters: (List all processes subject to this permit)	10 Maximum Design Capacity	11* Pollutant Regulated	12 Emission limit(s) units of emissions/ units of input	13** Reg. reqmts. assoc. w/limit	14 Control equipment of process modification description	15 Efficiency %

Notes:[15]

*Use the following abbreviations wherever possible: PM=particulate matter, SO_2=sulfur dioxide, NO_x=nitrogen oxides, CO=carbon monoxide, VOC=volatile organic compounds, VE=visible emission, TRS=total reduced sulfur, F=fluoride, Be=beryllium, H_2S=hydrogen sulfide, Hg=mercury, VC=vinyl chloride.

**Please use the following abbreviation: B=BACT, L=LAER, N=NSPS, H=NESHAP, A=NAAQS or PSD constraints, S=SIP, R=RACT, U=Unregulated.

Page __ of __

APPENDIX G

DETAILED SOURCE LISTINGS FOR NEW DETERMINATIONS

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: BMCP , CA
KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 4160001-004
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/20/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CIRCULATING BED, COAL F*	220.00 T/D				
		PM	0.0156 GR/DSCF		BACT
				FABRIC COLLECTOR	99.00
		SO2	0.0390 LB/MMBTU		BACT
				LIMESTONE INJ.	96.00
		NOX	0.0390 LB/MMBTU		BACT
				LOW TEMP., STAGED COMBUSTION, AMMONIA INJ.	80.00
		VOC	0.0390 LB/MMBTU		BACT
				O2 MONITOR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 53.00 MW

COMPANY NAME/SITE LOCATION: COGENTRIX CAROLINA LEASING CORP. — ROXBORO, NC — PERSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 5856
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY) — MIKE SEWELL (AGENCY CONTACT PERSON) — (919)-733-3340 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/28/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 3 EA	202.00 MMBTU/H			
		PM	0.0300 LB/MMBTU BAGFILTER	99.10
		SO2	1.6400 LB/MMBTU LOW SULFUR COAL, 1%	
		NOX	0.6000 LB/MMBTU CONTROL OF EXCESS AIR	
		CO	0.6000 LB/MMBTU CONTROL OF EXCESS AIR	
		H2S*	0.0210 LB/MMBTU NO CONTROLS	

NOTES --------
NOT SUBJECT TO NSPS, BUT WILL MEET PROPOSED NSPS SUBPART DB.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1987

ID NUMBER NC-0037
SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 106.00 MW

COMPANY NAME/SITE LOCATION: COGENTRIX CAROLINA LEASING CORP. — SOUTHPORT, NC — BRUNSWICK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 5884
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY) — MIKE SEWELL (AGENCY CONTACT PERSON) — (919)-733-3340 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/07/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 6 EA	202.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGFILTER	99.10
		SO2	1.6400 LB/MMBTU	LOW SULFUR COAL, 1%	
		NOX	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	
		CO	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	
		ACI*	0.0210 LB/MMBTU	LOW SULFUR COAL, 1%	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1987

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: COGENTRIX OF VIRGINIA, INC. HOPEWELL, VA

DETERMINATION IS B/P FOR A NEW SOURCE.
PERMIT NO. 50950
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) KATHERINE MILLER (AGENCY CONTACT PERSON) (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/12/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 6	200.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		
			6.0000 LB/H		
				BAGHOUSE	
		SO2	1.5200 LB/MMBTU		99.10
			304.0000 LB/H		
		NOX	0.6000 LB/MMBTU		
			120.0000 LB/H		
		CO	0.6000 LB/MMBTU		
			49.2000 LB/H		
		VOC	3.0000 EE-3 LB/MMBTU		
			0.7000 LB/H		
STORAGE BUNKER, COAL, 6	270.00 T/H				
		PM	0.0600 T/YR		
			8.0000 EE-3 LB/H		
				FABRIC FILTER	99.90
SILO, ASH, 2	12.00 T/H				
		PM	0.0600 T/YR		
			0.1600 LB/H		
				BAGFILTER	99.00
UNLOADING COAL CONVEYOR & STACK*	276.30 T/H				
		PM	0.3220 T/YR		
			0.7100 LB/H		
				H2O SPRAY WITH WETTING AGENT/CHEMICAL BINDER	80.00
STORAGE PILE, OPEN & LOADOUT BO*	0.49 ACRE				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

ID NUMBER VA-0034

SOURCE TYPE CODE 1.1

(CONTINUED) COGENTRIX OF VIRGINIA, INC.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		PM		
			H2O SPRAY WITH CHEMICAL WETTING	95.00

NOTES --------
FUELS TO BE USED ARE COAL/DISTILLATION RESIDUE. 430922 T/YR COAL. 1566000 GAL/YR RESIDUE OIL. OFFSET FOR NITROGEN DIOXIDE REQU
IRED.

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INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE. REVIEW STATUS: 04/15/1987

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 25.00 MW

COMPANY NAME/SITE LOCATION: GWF POWER SYSTEMS CO. — HANFORD, CA — KINGS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 86-08
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LINN TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/28/87
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, ATMOSPHERIC FLUIDIZE*	274.00 MMBTU/H				
		NOX	28.0000 PPM AT 3% O2	STAGED COMBUSTION, AMMONIA INJ.	
		SO2	20.2000 PPM AT 3% O2	LIMESTONE INJ.	
		CO	200.0000 PPM AT 3% O2	AFBC ITSELF	

NOTES --------
LIMESTONE INJECTION AT CA/S MOLAR RATIO OF 1.6 TO 1. PM CONTROLLED BY BAGHOUSE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: MOUNT POSO COGENRATION CO. , CA KERN COUNTY

DETERMINATION IS
PERMIT NO. SJ 86-09
DETERMINATION MADE BY: EPA REGION IX (AGENCY) MATT HABER (AGENCY CONTACT PERSON) (415)-974-8209 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/12/87
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... A BASIS ... PCT EFF
BOILER	50.00 MW				
		NOX	0.1000 LB/MMBTU	FLUID BED COMBUST, PRIMARY/SEC. AIR, AMMONIA I*	TECH 50.00
		SO2	0.0400 LB/MMBTU	LIMESTONE IN BED	TECH 90.00
		CO	50.0000 LB/H	CONTROL OF OVERFIRE AIR	
		PM	0.0100 GR/DSCF AT 12% CO2	BAGHOUSE	
		RAD*	0.0100 GR/DSCF AT 12% CO2	BAGHOUSE	

NOTES --------
NOX MASS EMISSION LIMIT = 56.6 LB/H. SO2 MASS EMISSION LIMIT = 25.0 LB/H

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 49.90 MW

COMPANY NAME/SITE LOCATION: PYROPOWER CORP. , CA — KERN COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 4149001A-004
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (305)-361-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/01/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COGENERATION UNIT, COAL FIRED	640.00 MMBTU/H				
		PM	4.7300 LB-3 GR/ACF		BACT
			7.9200 LB/H		
				FABRIC COLLECTOR, SEE NOTES	99.90
		SOX	0.0390 LB/MMBTU		LAER
			25.0000 LB/H		
				LIMESTONE INJ. AT 0.07 LB/LB COAL	96.20
		NOX	0.0920 LB/MMBTU		LAER
			58.6000 LB/H		
				AMMONIA INJ./STAGED COMBUSTION/SEE NOTES	53.00

NOTES ---------
FABRIC COLLECTOR AIR/CLOTH RATIO = 3.8/1. STAGED COMBUSTION, 20% EXCESS AIR. LOW TEMPERATURE COMBUSTION, 1600F MAX. AMMONIA IN
J. TO ACCOMPLISH 50% NOX REDUCTION.

(#) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 36.00 MW

COMPANY NAME/SITE LOCATION: RIO BRAVO REFINING CO. , CA — KERN COUNTY

DETERMINATION IS BACT
PERMIT NO. SJ 85-07
DETERMINATION MADE BY: EPA REGION IX (AGENCY); JAMES HANSON (AGENCY CONTACT PERSON); (415)-974-8218 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/19/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUIDIZED BED, COAL FIR*	36.00 MW				
		SO2	20.0000	PPM AT 3% O2	BACT
				LIMESTONE INJ./MOLAR RATIO CA/S = 1.6/1	96.00
		NOX	78.0000	PPM AT 3% O2	BACT
				AMMONIA INJ. NH3/NOX RATIO OF 6.1/1 WEIGHT BAS*	50.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 36.00 MW

COMPANY NAME/SITE LOCATION: RIO BRAVO REFINING CO. — , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-06
DETERMINATION MADE BY: EPA REGION IX (AGENCY); JIM HANSON (AGENCY CONTACT PERSON); (415)-974-8218 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/22/86
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUIDIZED BED, COAL FIR*	389.00 MMBTU/H				
		SO2	20.0000 PPM AT 3% O2		
			14.0000 LB/H		
				LIMESTONE INJ. AT CA/S RATIO = 1.6 TO 1	95.00
		NOX	78.0000 PPM AT 3% O2		
			38.9000 LB/H		
				NH3 INJ. AT NH3/NOX RATIO = 6.1 TO 1, BY WT.	50.00
		CO	105.1000 LB/H		
				COMBUSTION CONTROLS	

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: TENNESSEE VALLEY AUTHORITY, SHAWNEE STEAM PLANT — PADUCAH, KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-86-82
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) — JAMES DILLS (AGENCY CONTACT PERSON) — (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/15/86
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, AFBC, COAL FIRED	1430.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		NSPS
				BAGHOUSE	99.00
		SO2	0.6600 LB/MMBTU		N/A
				LIMESTONE INJ. INTO FLUIDIZED BED	90.00
		NOX	0.6000 LB/MMBTU		NSPS
		CO	0.4000 LB/MMBTU		NAAQ
		VOC		NONE	
		VE	20.0000 X OPACITY		NSPS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: TENNESSEE VALLEY AUTHORITY — PADUCAH, KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-85-161
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) — JAMES DILLS (AGENCY CONTACT PERSON) — (502)-564-3382 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/13/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, AFBC, COAL FIRED	200.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		BACT
				BAGHOUSE	98.85
		SO2	1.2000 LB/MMBTU		BACT
				LIMESTONE INJ. INTO FLUIDIZED BED	83.93
		NOX	0.5600 LB/MMBTU		BACT
		CO		NONE	
		VOC		NONE	
		VE	20.0000 % OPACITY		

NOTES --------
PERMIT WAS ISSUED TO INCREASE THE ANNUAL COAL USAGE RATE FROM 26400 TO 40000 TONS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: TULTEX CORP. MARTINSVILLE, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30244
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) KATHERINE MILLER (AGENCY CONTACT PERSON) (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/18/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, HEINE, 2	12.00 MMBTU/H				
		PM	0.4300 MMBTU/H		
			5.2000 LB/H EA		
				SETTLING CHAMBER	35.00
		SO2	1.0300 LB/MMBTU		
			12.3900 LB/H EA		
				0.9% SULFUR IN COAL BY WT.	
		VOC	0.5800 LB/H EA		
			4.5500 T/YR TOTAL		
		NO2	0.3500 LB/MMBTU		
			4.2200 LB/H EA		
		CO	4.8800 LB/H EA		
			38.5000 T/YR TOTAL		
BOILER, OIL FIRED, CLEAVER-BROO*	93.30 MMBTU/H				
		PM	1.3300 LB/H		
			3.5000 T/YR		
		SO2	0.5100 LB/MMBTU		
			47.3400 LB/H		
				0.5% SULFUR IN OIL BY WT.	
		VOC	0.2600 LB/H		
			1.1400 T/YR		
		NO2	0.1400 LB/MMBTU		
			13.3300 LB/H		
		CO	3.3300 LB/H		
			8.7500 T/YR		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) TULTEX CORP.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, NAT GAS FIRED, 12	3.00 MMBTU/H				
		NO2	3.6000 LB/H		
			5.7700 T/YR		
		CO	0.7200 LB/H		
			3.1500 T/YR		

NOTES --------
NOTE 1-CONSTRUCTION OF A #2 OIL FIRED BOILER, NAT GAS FIRED DRYERS & DYEING EQUIP. NOTE 2-THE 93.3 MMBTU/H OIL FIRED BOILER & OTHER OIL FIRED UNITS COMBINED SHALL CONSUME NO MORE THAN 3.5 MMGAL/YR OF #2 FUEL OIL. NOTE 3-THE EXISTING 12 MMBTU/H BOILERS (HEINE) SHALL CONSUME NO MORE THAN 7000 T/YR OF COAL. NOTE 4-NO MORE THAN 2 OF THE 3 HEINE BOILERS, COAL FIRED, SHALL BE OPERATED AT ANY ONE TIME.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: UNION CAMP — FRANKLIN, VA — ISLE OF WIGHT COUNTY

DETERMINATION IS B/P FOR A MODIFIED SOURCE.
PERMIT NO. 60214
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — KATHERINE MILLER (AGENCY CONTACT PERSON) — (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/01/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	245.00 MMBTU/H	PM	53.6600 T/YR	ESP & MULTICYCLONE	99.00
		SO2	1606.0000 T/YR	1% SULFUR CONTENT	
		NOX	643.8600 T/YR	ENGINEERING DESIGN	

NOTES --------
NOTE 1 - THE NEW 245 MMBTU/H COAL FIRED BOILER REPLACED TWO EXISTING OIL FIRED POWER BOILERS. NOTE 2 - PM EMISSIONS FROM COAL & ASH HANDLING SYSTEMS WILL BE CONTROLLED BY WET SUPPRESSION. NOTE 3 - PERFORMANCE TESTING REQUIRED.
NOTE #4 - PSD SOURCE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 208.00 MMBTU/H

COMPANY NAME/SITE LOCATION: GEORIGA-PACIFIC CORP. — FRANKLIN, OH — WARREN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1043
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) — THOMAS TUCKER (AGENCY CONTACT PERSON) — (513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, #6 OIL FIRED	116.00 MMBTU/H				
		PM	0.0900 LB/MMBTU	LIMIT S IN OIL TO 1%	BACT
		SO2	1.0600 LB/MMBTU	LIMIT S IN OIL TO 1%	BACT
		NOX	0.3000 LB/MMBTU	LOW EXCESS AIR COMBUSTION	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 198.00 MMBTU/H

COMPANY NAME/SITE LOCATION: GMC-CPC HAMILTON-FAIRFIELD — FAIRFIELD, OH — BUTLER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1074
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) — LAWRENCE HARRELL (AGENCY CONTACT PERSON) — (513)-251-8777 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/31/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WASTE OIL FIRED	27.00 MMBTU/H				
		AS		SEE NOTES WASTE OIL SPECS	BACT
		CD		SEE NOTES	BACT
		CR		SEE NOTES	BACT
		PB		SEE NOTES	BACT
		SO2	1.1000 LB/MMBTU	LIMIT SULFUR CONTENT OF FUEL	BACT

NOTES --------
SPECS FOR WASTE OIL - ARSENIC 5 PPM MAX., CR 10 PPM MAX., CD 2 PPM MAX., PB 100 PPM MAX., FLASH POINT 100 F MIN., TOTAL HALOGE
NS 4000 PPM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: NAVAL STATION TREASURE ISLAND , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30543
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) JOHN LAIRD (AGENCY CONTACT PERSON) (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/19/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, STEAM	24.00 MMBTU/H				
		NOX	40.0000	PPMVD AT 3% O2	
			0.0500	LB/MMBTU	
				LOW NOX BURNERS	
				FLUE GAS RECIRCULATION	

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: OLS ENERGY — CAMARILLO, CA

DETERMINATION IS: FOR A NEW SOURCE.
PERMIT NO. 1267-2
DETERMINATION MADE BY: VENTURA COUNTY APCD (AGENCY) — KEITH DUVAL (AGENCY CONTACT PERSON) — (805)-654-2845 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/27/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, GAS/OIL FIRED	31.00 MMBTU/H				
		NOX	40.0000 PPMVD AT 3% O2	COEN DAF LOW NOX BURNERS	

NOTES --------
BOILERS ARE BACKUP TO GAS TURBINE COGENERATION UNIT.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: REYNOLDS METALS CO. — RICHMOND, VA

DETERMINATION IS
PERMIT NO. 50260
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — KATHERINE MILLER (AGENCY CONTACT PERSON) — (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/22/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BURNER, NAT GAS FIRED	2.56 MMBTU/H				
		PM	6.0020 LB/H		
			5.0000 EE-3 T/YR		
		SO2	1.0000 EE-3 LB/H		
			3.0000 EE-3 T/YR		
		VOC	0.0120 LB/H		
			0.0270 T/YR		
		NO2	0.2300 LB/H		
			0.5000 T/YR		
		CO	0.0460 LB/H		
			0.1000 T/YR		
		ISO*	30.0000 LB/H		
			45.0000 T/YR		

NOTES --------
MODIFY FACILITY BY REMOVING THE EXISTING INCINERATOR & ADDING NAT GAS BURNERS IN THE EXTRUDER. THE EXTRUDER IS TO USE WATER-BA
SED INKS.
ISO = ISOPROPLY ALCOHOL, POLLUTANT EVALUATED TO MEET STATE TOXIC REGS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: U.S. GOVERNMENT — MCCLELLAN, CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 8184 & 8186
DETERMINATION MADE BY: SACRAMENTO COUNTY APCD (AGENCY) — A. KENNARD (AGENCY CONTACT PERSON) — (916)-366-2107 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/29/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	62.00 MMBTU/H	NOX	40.0000 PPMVD AT 3% O2 LOW NOX BURNERS FLUE GAS RECIRCULATION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: AUBERRY ENERGY, INC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3060020101-106
DETERMINATION MADE BY: FRESNO COUNTY APCD (AGENCY); MIKE TOLLSTRAP (AGENCY CONTACT PERSON); (209)-445-3239 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/02/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
COGENERATION FAC., WOOD FIRED	18.40 T/H LUMBER			
		NOX	0.1400 LB/MMBTU	FLUIDIZIED BED COMBUSTION HEATED STAGED AIR ADDITION
		PM	0.0100 GR/DSCF AT 12% CO2	MULTICYCLONE & ESP

NOTES --------
WOOD FUEL FROM MFG. WASTE

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: BURLINGTON INDUSTRIES — RABUN GAP, GA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 2272-119-8109-0
DETERMINATION MADE BY: GEORGIA EPD (AGENCY) — PAUL IZANT (AGENCY CONTACT PERSON) — (404)-656-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/13/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD WASTE FIRED	290.00 MMBTU/H			
		PM	0.1000 LB/MMBTU	B/H
			MULTICYCLONE & VENTURI SCRUBBER	95.00

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: ERATH VENEER CORP. OF VA — ROCKY MOUNT, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30392
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — KATHERINE MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/30/86
ESTIMATED DATE OF START-UP-- 1986
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOODWASTE FIRED	31.50 MMBTU/H				
		PM	0.2700 MMBTU/H		
			8.5100 LB/H		
				2 MULTICLONES	75.00
		SO2	0.5300 LB/H		
			0.2300 T/YR		
		VOC	0.1600 LB/MMBTU		
			4.9000 LB/H		
		CO	0.8900 LB/MMBTU		
			28.0000 LB/H		

NOTES --------
TO CONSTRUCT A 31.5 MMBTU/H WOODWASTE BOILER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: FAIRHAVEN POWER CO. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. HS-072
DETERMINATION MADE BY: NORTH COAST UNIFIED AQMD (AGENCY) — CHUCK SASSENRATH (AGENCY CONTACT PERSON) — (707)-443-3093 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/10/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	309.00 MMBTU/H	NOX	0.2000 LB/MMBTU	HIGH PRESSURE OVERFIRE AIR SYS	
		CO	0.4000 LB/MMBTU	HIGH PRESSURE OVERFIRE AIR SYS	
		PM	0.0400 LB/MMBTU	MULTICLONES & ESP	98.00

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.4

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: ULTRAPOWER - PLACER, INC.
ROCKLIN POWER PLANT , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. A/C-85-14
DETERMINATION MADE BY: PLACER COUNTY APCD (AGENCY); RUSS ROBERTS (AGENCY CONTACT PERSON); (916)-823-4443 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/02/87
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	356.80 MMBTU/H				
		NOX	56.0000 LB/H	BOILER DESIGN	
		PM	0.0200 GR/DSCF AT 12% O2	ESP	

NOTES --------
ATMOSPHERIC PRESSURE, CIRCULATING FLUIDIZED BED BOILER.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: S.D. WARREN CO. MUSKEGON, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 29-86
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) DHRUMAN SHAH (AGENCY CONTACT PERSON) (517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/21/86
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	395.00 MMBTU/H				
		PM	0.0600	LB/MMBTU, COAL/WOOD > 5%	B/N
			0.0500	LB/MMBTU, COAL/WOOD < 5%	
				ESP	99.00
		SO2	1.2000	LB/MMBTU, COAL/WOOD	NSPS
			90.0000	% REDUCTION, COAL/WOOD	
				DRY SCRUBBER	90.00
		SO2	0.8000	LB/MMBTU, FUEL OIL	NSPS
			90.0000	% REDUCTION, FUEL OIL	
				DRY SCRUBBER	90.00
		NOX	0.7000	LB/MMBTU, COAL/WOOD	BACT
				COMBUSTION DESIGN & CONTROLS	
		CO	0.5000	LB/MMBTU	BACT
				COMBUSTION DESIGN & CONTROLS	
		TRS	5.0000	PPMV	NSPS
				MIN FIREBOX TEMP & RESID. TIME, 1200 F & 0.5 S*	

NOTES --------
BOILER IS CAPABLE OF FIRING PULVERIZED COAL, BARK/WOOD RESIDUE IN SUSPENSION, NATURAL GAS, & #6 OIL. PRIMARY FUEL IS A 50-50 MIXTURE, BY HEAT INPUT, OF COAL & WOOD.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION: COGENTRIX VIRGINIA LEASING CORP. — PORTSMOUTH, VA

DETERMINATION IS PERMIT NO. 61049
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); CATHY TAYLOR (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/23/86
ESTIMATED DATE OF START-UP-- 1987
(804)-786-7767 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, 6 EA	200.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		
			5.9000 LB/H		
				BAGHOUSE	99.00
		SO2	1.5200 LB/MMBTU		
			304.0000 LB/H		
				LOW SULFUR COAL, 0.9%	
		VOC	3.0000 EE-3 LB/MMBTU		
			0.6000 LB/H		
		NO2	120.0000 LB/H		
			565.6000 T/YR		
		CO	120.0000 LB/H		
			565.6000 T/YR		

NOTES --------
LIMITED TO 430992 TONS OF FUEL CONSUMED PER YEAR. CONSTRUCT A STEAM ELECTRICITY COGENERATION FACILITY. TO BE TESTED FOR PM & NOX.

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INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 140.00 MW

COMPANY NAME/SITE LOCATION: PACIFIC GAS & ELECTRIC CO. UNIT #21 , CA — LAKE COUNTY

DETERMINATION IS PERMIT NO. NC 84-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — BOB BAKER (AGENCY CONTACT PERSON) — (415)-974-8923 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/29/85
ESTIMATED DATE OF START-UP-- 1907

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
POWER PLANT	140.00 MW	H2S	11.2500 LB/H	CATALYST ALONG W/TURBINE BYPASS STRETFORD SYS. W/H2O2	

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.6

SOURCE TYPE/SIZE REFUSE INCINERATION 2274.00 T/D

COMPANY NAME/SITE LOCATION AMERICAN REF-FUEL OF ESSEX COUNTY NEWARK, NJ
ESSEX COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW JERSEY DEP (AGENCY) ROBERT YEATES (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/11/85
ESTIMATED DATE OF START-UP-- 1989
(609)-292-0418 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3					
		PM *	0.0150	GR/DSCF AT 7% O2,SEE NOTE#1	LAER
				DRY SCRUBBER & ESP	
		PM,*	0.1000	GR/DSCF AT 12% CO2	SIP
		VE	20.0000	% OPACITY EXCEPT < 3 MIN/30 MIN	SIP
			40.0000	% OPACITY, NEVER EXCEEDED	
		SO2	100.0000	PPMVD AT 7% O2,SEE NOTE#2	BACT
				DRY SCRUBBER & ESP	
		HCL	50.0000	PPMVD AT 7% O2,SEE NOTE#2	SIP
			90.0000	% CONTROL	
				DRY SCRUBBER & ESP	
		HF	0.8200	LB/H	BACT
				DRY SCRUBBER & ESP	
		CO	126.0000	LB/H, ANY 1 H	BACT
			400.0000	PPMVD AT 7% O2,H AVG,SEE NOTE#2	
				AUX BURNERS FIRING #2 OIL	
				AUTOMATIC AIR/FUEL CONTROL	
		CO	100.0000	PPMVD AT 7% O2,4 D AVG,SEE NOTE#2	BACT
				AUX BURNERS FIRING #2 OIL	
				AUTOMATIC AIR/FUEL CONTROL	
		NOX	95.0000	LB/H	BACT
			300.0000	PPMVD AT 7% O2,1 H AVG,SEE NOTE#2	
		H2S*	4.0000	LB/H, SEE NOTE#3	BACT
				DRY SCRUBBER & ESP	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		PB	0.5000 LB/H, QUARTERLY AVG DRY SCRUBBER & ESP	BACT
		HG	0.0530 LB/H DRY SCRUBBER & ESP	BACT
		AS	5.1000 EE-3 LB/H, SEE NOTE#4 DRY SCRUBBER & ESP	BACT
		BE	2.5000 EE-4 LB/H, SEE NOTE#4 DRY SCRUBBER & ESP	BACT
		CD	0.0430 LB/H, SEE NOTE#4 DRY SCRUBBER & ESP	BACT
		CR	0.0120 LB/H, SEE NOTE#4 DRY SCRUBBER & ESP	BACT
		NI	3.3000 EE-3 LB/H, SEE NOTE#4 DRY SCRUBBER & ESP	BACT
		NMHC	6.3000 LB/H 70.0000 PPMVD AT 7% O2,1H AVG AUX BURNERS FIRING #2 OIL, SEE NOTE#6 AIR/FUEL CONTROLS, TEMP MONITOR	LAER
		2,3*	1.0000 EE-5 LB/H,SEE NOTE#5 AUX BURNERS FIRING #2 OIL, SEE NOTE#6 AIR/FUEL CONTROLS, TEMP MONITOR	SIP
		PAH	0.2900 LB/H, SEE NOTE#5 AUX BURNERS FIRING #2 OIL, SEE NOTE#6 AIR/FUEL CONTROLS, TEMP MONITOR	SIP
SILO, LIME, 4 EA	5250.00 CU FT			
		PM	0.2000 LB/H BAGHOUSE	LAER 99.00

NOTES --------
NOTE#1 - THIS IS A THREE RUN AVERAGE. ANY SOOT BLOWING RUN IS ALLOWED 0.03 GR/DSCF. NOTE#2 - DETERMINED BY CONTINUOUS EMISSION MONITORING. NOTE#3 - REPERSENTS THE SUM OF H2SO4 MIST & SO3. NOTE#4 - AS,BE,CD,CR, & NI ARE ANNUAL AVERAGES. NOTE#5 - ANNUAL AVERAGES. NOTE#6 - FURANCE MAINTAIN 1500 F AT POINT 1 SECOND AFTER SECONDARY AIR INJECTION & MUST MAINTAIN 6% O2 AT BOILER EXIT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1350.00 T/D

COMPANY NAME/SITE LOCATION: CITY OF LONG BEACH — LONG BEACH, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. LA 83-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); BOB BAKER (AGENCY CONTACT PERSON); (415)-974-8923 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/23/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WATER WALL, 3 EA	450.00 T/D				
		SO2	26.0000 PPM AT 12% CO2, 8 H AVG	BAGHOUSE & DRY SCRUBBER	80.00
		PB	0.0800 LB/H	BAGHOUSE SPRAY DRYER	
		HG	0.1300 LB/H	BAGHOUSE SPRAY DRYER	
		HF	3.3000 LB/H	DRY SCRUBBER	90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1800.00 T/D

COMPANY NAME/SITE LOCATION: ENERCAN RESOURCES, INC. — LOS ANGELES, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. LA 84-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY); BOB BAKER (AGENCY CONTACT PERSON); (415)-974-8923 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/08/86
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WATER WALL, 4 EA	450.00 T/D				
		SO2	26.0000	PPM AT 12% CO2, 3 H AVG	
				DRY SCRUBBER	90.00
		HG	0.1200	LB/H	
				BAGHOUSE, DRY SCRUBBER	
		PB	0.2600	LB/H	
				BAGHOUSE, DRY SCRUBBER	
		HF	0.3200	LB/H	
				DRY SCRUBBER	95.00

NOTES ---------
ALSO KNOWN AS THE COMPTON ENERGY RESOURCE RECOVERY FACILITY-CERRF.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION — 3000.00 T/D

COMPANY NAME/SITE LOCATION: I-95 ENERGY/RESOURCE RECOVERY FACILITY , VA

DETERMINATION IS N/P FOR A NEW SOURCE.
PERMIT NO. 71960
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — CATHY TAYLOR (AGENCY CONTACT PERSON) — (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/12/87
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS		CONTROL EQUIPMENT OR PROCESS MODIFICATION	... % BASIS ... PCT EFF
INCINERATOR, 4 EA	750.00 T/D					
		PM	0.0100	GR/DSCF AT 12% CO2		
			7.5000	LB/H		
					ESP	99.00
		SO2	44.4000	LB/H		
			176.6000	T/YR		
					ACID GAS CONTROL DEVICE	70.00
		VOC	1.7000	LB/H		
			6.8000	T/YR		
					COMBUSTION CONTROLS	
		NOX	151.3000	LB/H		
			602.3000	T/YR		
					COMBUSTION CONTROLS	
		CO	158.1000	LB/H		
			91.7000	T/YR		
					COMBUSTION CONTROLS	
		PB	1.7000	LB/H		
			6.7000	T/YR		
					ESP	99.00
		ACI*	3.4400	LB/H		
			13.6900	T/YR		
					ACID GASES CONTROL DEVICE	70.00
		HCL	28.5300	LB/H		
			113.6900	T/YR		
					ACID GASES CONTROL DEVICE	90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) I-95 ENERGY/RESOURCE RECOVERY FACILITY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		HYD*	1.9300 LB/H	
			7.6700 T/YR	
			ACID GASES CONTROL DEVICE	90.00
		CD	4.7000 EE-2 LB/H	
			0.1900 T/YR	
			PARTIAL CONTROL BY ESP	
		SB	0.1400 LB/H	
			0.5500 T/YR	
			PARTIAL CONTROL BY ESP	
		AS	7.3000 EE-3 LB/H	
			0.0300 T/YR	
			PARTIAL CONTROL BY ESP	
		HG	0.3300 LB/H	
			1.3200 T/YR	
			PARTIAL CONTROL BY ESP	
		BE	2.0000 EE-4 LB/H	
			7.9400 EE-4 T/YR	
			PARTIAL CONTROL BY ESP	
		FLU*	0.4500 LB/H	
			1.7800 T/YR	
			ACID CONTROL DEVICE	90.00
		TCDD	2.3000 EE-6 LB/H	
			9.3000 EE-6 T/YR	
			COMBUSTION CONTROLS, DESIGN	

NOTES --------
CHRG RATE <750 T/UNIT, 3000 T/D, 1.095 MMT/YR. OPER PROC TO BE REVIEWED & APPROV. BY BOARD. AUX FUEL IS NAT GAS. STK TEST RESU LTS REVIEWED BY BOARD & LIMITS MAY BE REVISED. MUST MAINTAIN MIN 1800F FOR 1 SEC RESIDENCE TIME. OPER PARAM. SET AFTER STK TEST. AMB. MONIT REQ FOR TSP,SO2,PB,HG,CD & REQ >1 YR BEFORE & 3 YR AFTER START UP. ASH ANALYSIS REQ TWICE/YR. 10% VE LIMI T, ODOR CONTROLS REQ. NEG PRESSURE ON TIPPING FLOOR & AIR W/I BLDG USED AS COMBUST AIR. FOUR POINT HAZ. WASTE MONIT REQ.

INITIAL REVIEW POST STARTUP
(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. REVIEW STATUS:

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1024.00 T/D

COMPANY NAME/SITE LOCATION: NORTH COUNTY RESOURCE RECOVERY ASSOC. — SAN MARCOS, CA

DETERMINATION IS
PERMIT NO. SD 84-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); BOB BAKER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/02/85
ESTIMATED DATE OF START-UP--
(415)-974-8923 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	1024.00 T/D			
		SO2	70.0000 PPM AT 12% CO2, 2 H AVG	
			30.0000 PPM AT 12% CO2, 8 H AVG	
			DRY SCRUBBER	83.00
		NOX	200.0000 PPM AT 12% CO2, 2 H AVG	
			BOILER DESIGN & OVER/UNDERFIRE AIR	
		PB	4.0000 EE-4 GR/DSCF AT 12% CO2, 2 H AVG	
			BAGHOUSE & DRY SCRUBBER	90.00
		HG	0.1300 LB/H, 2 H AVG	
			BAGHOUSE & DRY SCRUBBER	
		HF	1.3000 LB/H, 2 H AVG	
			DRY SCRUBBER	95.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE REFUSE INCINERATION 2178.00 T/D

COMPANY NAME/SITE LOCATION OGDEN MARTIN SYSTEMS OF INDIANAPOLIS INDIANAPOLIS, IN

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 11065 DATE OF PERMIT ISSUANCE-- 03/24/86
DETERMINATION MADE BY INDIANAPOLIS APCD (AGENCY) DAVID JORDAN (AGENCY CONTACT PERSON) ESTIMATED DATE OF START-UP-- 1989
(317)-633-5497 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3 EA	726.00 T/D	PM	0.0100 GR/DSCF AT 12% CO2	BAGHOUSE	LAER
		SO2		SEE NOTE #2	LAER 80.00
		NOX	272.0000 PPMV AT 12% CO2	DRY SCRUBBER/BAGHOUSE	BACT
		CO	135.0000 PPMV AT 12% CO2	COMBUSTION CONTROLS	BACT
		HG	2.8000 EE-4 GR/DSCF AT 12% CO2	COMBUSTION CONTROLS	BACT
		PB	1.0000 EE-3 GR/DSCF AT 12% CO2	DRY SCRUBBER/BAGHOUSE	BACT
		VOC	3.3000 LB/H	BAGHOUSE	INSP
		VE	10.0000 % OPACITY, 6 MIN AVG		INSP
		HCL		SEE NOTE #2	INSP 80.00
		DIO#		DRY SCRUBBER/BAGHOUSE	INSP
				SEE NOTE #3	
				DRY SCRUBBER/BAGHOUSE	
				TEMPERATURE	

NOTES --------
NOTE#1 - SOURCE PERMITTED TO CODIPOSE 30 DRY TONS/D OF SEWAGE SLUDGE PER INCINERATOR. NOTE#2 - SO2 & HCL LIMITED TO 30 PPMV AT 12% CO2 WHEN INLET CONC. BELOW 150 PPMV, CONTROLLED BY 80% WHEN INLET CONC. ABOVE 150 PPMV.
NOTE#3 - TEMP. CONTROL REQUIRES MONITORING AT POINT REPRESENTING 2 SEC. RESIDENCE TIME AT 1800 F.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1987

(#) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.
SOURCE TYPE CODE 2.1

220

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: OGDEN MARTIN SYSTEMS OF TULSA, INC. , OK

DETERMINATION IS BACT
PERMIT NO. T86-02, T84-23
DETERMINATION MADE BY: TULSA CITY-COUNTY HEALTH DEPT (AGENCY) JIM VAN SANDT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/20/86
ESTIMATED DATE OF START-UP-- 1986
(918)-744-1000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, SOLID WASTE, SEE N*	375.00 T/D				
		VE	10.0000 % OPACITY		BACT
		HG	0.0600 LB/H		BACT
		CO	20.8000 LB/H		BACT
		VOC	1.7000 LB/H		BACT
		NOX	100.0000 LB/H		BACT
		SO2	50.5000 LB/H		BACT
		PM	0.0600 GR/DSCF, SEE NOTE 3		BACT
				ESP - 4 FIELD	98.00
INCINERATOR, SOLID WASTE, 2 EA	375.00 T/D				
		PM	0.0600 GR/DSCF,SEE NOTE 3		BACT
				2 ESPS - 4 FIELDS	98.00
		SO2	100.9000 LB/H, SEE NOTE 2		BACT
		NOX	200.0000 LB/H		BACT
		VOC	4.6000 LB/H		BACT
		CO	41.6000 LB/H		BACT
		HG	0.1200 LB/H		BACT
		VE	10.0000 % OPACITY		BACT

NOTES --------
NOTE 1 - SIC CODES 4931 & 4961 ARE ALSO INVOLVED BECAUSE STEAM & ELECTRICITY WILL BE SOLD TO INDUSTRY. NOTE 2 - THIS IS AN ADDITION TO THE EXISTING TWO UNITS AT THE SAME LOCATION, BUT WITH DIFFERENT STACK. NOTE 3 - THIS INCLUDES THE BACK HALF OF THE SAMPLING TRAIN, CONDENSIBLES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION — 800.00 T/D

COMPANY NAME/SITE LOCATION: STANISLAUS WASTE ENERGY CO. , CA
STANISLAUS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 86-03
DETERMINATION MADE BY: EPA REGION IX (AGENCY); BOB BAKER (AGENCY CONTACT PERSON); (415)-974-8923 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/11/86
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WATER WALL, 2 EA	400.00 T/D				
		SO2	42.0000	PPM AT 12% CO2, 3 H AVG DRY SCRUBBER, LIME SLURRY	80.00
		NOX	175.0000	PPM AT 12% CO2, 3 H AVG AMMONIA INJECTION	40.00
		CO	400.0000	PPM AT 12% CO2 COMBUSTION CONTROLS	
		HG	0.0030	LB/H BAGHOUSE & DRY SCRUBBER	
		PM	0.0100	GR/DSCF AT 12% CO2 BAGHOUSE	99.00

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SEWAGE SLUDGE INCINERATION — 303.00 T/D

COMPANY NAME/SITE LOCATION: MILL CREEK TREATMENT PLANT - MSD — CINCINNATI, OH

DETERMINATION IS BACT
PERMIT NO. 14-987
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) — PEG GROEBER (AGENCY CONTACT PERSON) — (513)-251-8777 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/31/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 4 EA	61.20 T/D DRY				
		PM	1.1000 LB/T DRY	IMPINGEMENT SCRUBBER	BACT
		NOX	5.0000 LB/T DRY		BACT
		HG	3200.0000 GR/24H	LIMIT HG CONTENT OF SLUDGE	NESH
INCINERATOR, 2 EA	67.70 T/D DRY				
		PM	1.1000 LB/T DRY	AFTERBURNER,VENTURI SCRUB.,IMPINGEMENT SCRUB.	BACT
		NOX	5.0000 LB/T DRY		BACT
		HG	3200.0000 GR/24H	LIMIT HG CONTENT OF SLUDGE	NESH

NOTES ---------
HG LIMIT IS TOTAL FOR ALL 6 UNITS.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 100.00 LB/H

COMPANY NAME/SITE LOCATION: MERCER VAULT CO. — FREDERICKSBURG, VA

DETERMINATION IS
PERMIT NO. (7)40745
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); CATHY TAYLOR (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/25/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, CREMATORY	100.00 LB/H	PM	8.0000 EE-2 GR/DSCF CORR TO 12% CO2	

NOTES --------
OPERATION LIMITED TO 8 H/D, 5 D/WK, & 52 WK/YR. ANNUAL CREMATION NOT TO EXCEED 15 T/YR. LIMITED TO 3 CASES PER DAY, 60 CASES/MONTH. EACH CASE IS TO BE CREMATED FOR AT LEAST 2 H. NAT GAS IS APPROVED FUEL. NO FIBERGLASS OR PLASTIC CASKETS ALLOWED FOR CREMATION. STACK HEIGHT AT LEAST 21 FT ABOVE GRADE CREMATION. PROCEDURE IS TO FOLLOW OWNERS MANUAL FOR THE CREMATORY. 15000 CU FEET PER HOUR REQUIRED OF AMBIENT AIR.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 06/15/1987

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: CALIFORNIA DEPT. OF CORRECTIONS , CA
KINGS COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 8703
DETERMINATION MADE BY: KINGS COUNTY APCD (AGENCY) MARTIN KEAST (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/08/86
ESTIMATED DATE OF START-UP-- 1987
(209)-584-1411 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, CSC-4500, 2 NET	5.10 MW			
		NOX	38.0000 PPMV AT 15% O2 H2O INJ. AT RATE 1LB H2O TO 1LB FUEL	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

225

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: CITY OF SANTA CLARA — SANTA CLARA, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 31527
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) — ELLEN LINDER (AGENCY CONTACT PERSON) — (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/05/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS		NOX	42.0000 PPMVD AT 15% O2	WATER INJECTION	

NOTES --------
USED FOR PEAK POWER DEMANDS, LIMITED TO 1000 H/YR OF OPERATION. DISTRICT - DEFINED BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: COMBINED ENERGY RESOURCES , CA

DETERMINATION IS
PERMIT NO. 4167001
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/03/87
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COGENERATION FACILITY, SEE NOTE	27.00 MW				
		NOX	199.0000 LB/D		
				SCR UNIT, DUCT BURNER	81.00
				H2O INJ, LOW NOX DESIGN	
		VOC	7.9500 LB/H		
				CATALYTIC UNIT, ACCUMULATOR, DUCT BURNER	44.00
				90% CNTRL OF LUBE OIL COOLER	

NOTES --------
OTHER RELEVANT PERMIT LIMITS - 24 H, 365 D. FUEL USE LIMIT 268.5 MMBTU/H. FACILITY INCLUDES GAS TURBINE ENGINE, DUCT BURNER, S
CR, & CATALYTIC OXIDATION UNIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0179

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION DOUBLE 'C' LIMITED , CA
KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4155001,002
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/04/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2 EA	25.00 MW			
		NOX	193.9800 LB/D, TOTAL	
			H2O INJ. & SELECTED CATALYTIC REDUCTION	95.80

NOTES --------
DEGREE OF CONTROL EXCEEDS BACT REQUIREMENTS

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION KERN FRONT LIMITED , CA
KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4166001,002
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/04/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2 EA	25.00 MW				
		NOX	193.9800 LB/D, TOTAL		
			4.5000 PPMVD AT 15% O2		
				H2O INJ. & SELECTED CATALYTIC REDUCTION	95.80

NOTES --------
DEGREE OF CONTROL EXCEEDS BACT REQUIREMENTS

229

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MIDWAY - SUNSET PROJECT , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4014800-807
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/06/87
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 3	973.00 MMBTU/H	NOX	113.4000 LB/H EA 16.3100 PPMV	H2O INJECTION	73.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: O'BRIEN ENERGY SYSTEMS/MERCHANTS REFRG* , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3627
DETERMINATION MADE BY: MONTEREY BAY APCD (AGENCY); DAVID CRAFT (AGENCY CONTACT PERSON); (408)-443-1135 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/30/86
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED	359.50 MMBTU/H	NOX	30.3000 LB/H 15.0000 PPMVD AT 15% O2 DUCT BURNER H2O INJ., & SCR	

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0189

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 49.90 MW

COMPANY NAME/SITE LOCATION: PG & E, STATION T
JESSIE ST BETWEEN 6TH & MINT * — SAN FRANCISCO, CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. SFB 86-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LINH TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/25/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM5000	396.00 MMBTU/H			
		NOX	25.0000 PPM AT 15% O2	BACT
			63.0000 LB/H	
			STEAM INJ. AT STEAM/FUEL RATIO = 1.7/1	75.00

NOTES --------
A CO OXIDIZING CATALYST SYSTEM FOR THE CONTROL OF CO EMISSIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: SIERRA LTD. , CA
KERN COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4162001,002
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM2500, 2 TOTAL	11.34 MMCF/D				
		NOX	4.0400 LB/H EA		
			0.0160 LB/MMBTU		
				SCR & CO CATALYTIC CONVERTER	95.86
				STEAM INJECTION	

NOTES --------
EMISSION LIMIT EXCEEDED BACT REQUIREMENT

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 300.00 MW

COMPANY NAME/SITE LOCATION: SYCAMORE COGENERATION CO. KERN RIVER OIL FIELD — BAKERSFIELD, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-09
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LINH TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/06/87
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, 4 EA	75.00 MW	CO	10.0000 PPMV AT 15% O2, 3 H AVG	CO OXIDIZING CATALYST COMBUSTION CONTROL	

NOTES --------
APPLICANT PROVIDED EMISSION OFFSETS FOR NOX & SO2. WATER INJECTION SYSTEM IS USED FOR THE CONTROL OF NOX FOR THIS PROJECT.

2.3.4

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 45.00 MW

COMPANY NAME/SITE LOCATION: U.S. BORAX & CHEMICAL CORP. — BORON, CA

DETERMINATION IS BACT
PERMIT NO. SE 86-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LINH TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/20/87
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	45.00 MW				
		NOX	40.0000 LB/H		
			25.0000 PPM AT 15% O2 DRY		
				SCR	
				WATER/STEAM INJECTION	
		CO	23.0000 LB/H		
				PROPER COMBUST. TECHNIQUES	
		PM	12.0000 LB/H		
		VOC	6.0000 LB/H		
				PROPER COMBUST. TECHNIQUES	

NOTES --------
PLANT WILL FIRE OIL AS BACK-UP FUEL. NOX AT 42 PPM AT 15% O2 DRY, SO2 AT 102 LB/H, CO AT 30 LB/H, PM AT 48 LB/H, & PM AT 19 LB /H. ALL LIMITS BASED ON 3 H AVERAGES

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: WESTERN POWER SYSTEM, INC. , CA FRESNO COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3060080101
DETERMINATION MADE BY: FRESNO COUNTY APCD (AGENCY); SIMEON BUGAY (AGENCY CONTACT PERSON); (209)-443-3239 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/15/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE LM2500	26.50 MW	NOX	9.0000 PPMVD AT 15% O2	
			H2O INJECTION, SELECTIVE CAT. REDUCTION	80.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

9232

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 53.00 MW

COMPANY NAME/SITE LOCATION: CAROLINA COGENERATION CO., INC. — NEW BERN, NC — CRAVEN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 5872
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY) — MIKE SEWELL (AGENCY CONTACT PERSON) — (919)-733-3340 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/11/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, PEAT FIRED	416.00 MMBTU/H				
		NOX	125.0000 PPMV	SELECTIVE CATALYTIC REDUCTION	71.00
		SO2	151.3000 LB/H	LOW S FUEL, PEAT	
		PM	10.1900 LB/H	CYCLONES	99.50
				H2O QUENCH, METAL FILTERS	
		CO	34.5900 LB/H	PROPER OPERATION	
DRYER, PEAT FIRED	103232.00 LB/H				
		PM	0.0200 GR/DSCF	DYNAMIC WET SCRUBBER	98.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1987

237

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: CITY OF VENTURA WASTEWATER TREATMENT PL* — VENTURA, CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 1379-1
DETERMINATION MADE BY: VENTURA COUNTY APCD (AGENCY) — KEITH DUVAL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/31/86
ESTIMATED DATE OF START-UP--
(805)-654-2845 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C.	773.00 BHP	NOX	2.0000 GR/BHP-H ENGINE DESIGN	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: POPPY RIDGE PARTNERS , CA
SACRAMENTO COUNTY

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 6501-4
DETERMINATION MADE BY: SACRAMENTO COUNTY APCD (AGENCY) | A. KENNARD (AGENCY CONTACT PERSON) | (916)-366-2107 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/16/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIPROCATING, DIGESTER*	0.54 MMCF/D				
		NOX	2.0000 G/HP-H	PRE-STRATIFIED CHARGE EMIS CONTROL SYS.	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION SF SOUTHEAST TREATMENT PLANT , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30456
DETERMINATION MADE BY BAY AREA AQMD (AGENCY) STEVE HILL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/01/85
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIP., SEWAGE-SLUDGE G*	5.20 MW	NOX	2.0000 G/BHP-H CLEAN BURN ENGINE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: STATE OF UTAH NATURAL RESOURCES
WEST DESERT PUMPING STATION , UT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY: UTAH BAQ (AGENCY) L. HEULUVE (AGENCY CONTACT PERSON) (801)-538-6108 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/01/86
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, GAS FIRED, 3	46.30 MMCF/H				
		SO2	0.3000 LB/H	TURBOCHARGER UPS FUEL EFF.	S/B 0.00
		NOX	36.0000 LB/H	PRECOMBUST. CHAMBER, LEAN BURN TURBOCHARGER UPS FUEL EFF.	S/B 92.00
		CO	24.0000 LB/H	PRECOMBUST. CHAMBER, LEAN BURN TURBOCHARGER UPS FUEL EFF.	S/B 29.00
		VOC	42.0000 LB/H	PRECOMBUST. CHAMBER, LEAN BURN TURBOCHARGER UPS FUEL EFF.	S/B 88.00
		VE	20.0000 X OPACITY	TURBOCHARGER UPS FUEL EFF.	SIP

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: TRICOUNTY SUN ENERGY SHERATON HOTEL , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 1369-1
DETERMINATION MADE BY: VENTURA COUNTY APCD (AGENCY) KEITH DUVAL (AGENCY CONTACT PERSON) (805)-654-2845 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/07/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C.	7750.00 BTU/HP-H	NOX	50.0000 PPMVD AT 15% O2 NONSELECTIVE CATALYST	90.00

NOTES --------
BACT FOR THIS PROJECT IS THE MORE STRINGENT OF 90% EFFICIENCY, OR 50 PPM

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INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS — 240000.00 VEH/YR

COMPANY NAME/SITE LOCATION: DIAMOND-STAR MOTORS — NORMAL, IL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 86 01 0040
DETERMINATION MADE BY: ILLINOIS EPA (AGENCY); CHRISTOPHER ROMAINE (AGENCY CONTACT PERSON); (217)-782-2113 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/15/86
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SOUND DEADENER, PRESS WELD SHOP	63.00 VEH/H	VOC	2.6000 LB/H	
PAINT SHOP, BODY, PRIME		VOC	0.2000 KG/L APP SOLIDS AFTERBURNER 90% DESTRUCTION 85% SOLIDS COAT/90% TE/SEE NOTE#1	
GUIDE COAT	63.00 VEH/H	VOC	1.4000 KG/L APP SOLIDS 45% SOLIDS COAT/76% TE/SEE NOTE#2	
TOP COAT	63.00 VEH/H	VOC	1.4700 KG/L APP SOLIDS AFTERBURNER 90% DESTRUCTION 45%, AVG, SOLIDS COAT/65% TE/SEE NOTE#3	
SEALS/UNDERCOAT/STONEGUARD	63.00 VEH/H	VOC	0.0670 KG/L COATING 6% VOC COAT/AIRLESS ELECTROSTATIC SPRAY	67.00
PARTS SHOP, PLASTIC, PRIME	63.00 VEH/D	VOC	0.6300 KG/L COATING AFTERBURNER 90% DESTRUCTION 51% TE/HIGHLY AUTOMATED	
PARTS SHOP, PLASTIC, GRAY	63.00 VEH/D	VOC	0.5400 KG/L COATING AFTERBURNER 90% DESTRUCTION 51% TE/HIGHLY AUTOMATED	
PARTS SHOP, PLASTIC, COLOR	63.00 VEH/D			

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1987

(CONTINUED) DIAMOND-STAR MOTORS

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		VOC	0.5800 KG/L COATING AFTERBURNER 90% DESTRUCTION 51% TE/HIGHLY AUTOMATED	
PARTS SHOP, PLASTIC, CLEAR	63.00 VEH/D	VOC	0.5300 KG/L COATING AFTERBURNER 90% DESTRUCTION 63% TE/HIGHLY AUTOMATED	
PAINT SHOP, FUEL TANK, FLOW COAT	63.00 VEH/H	VOC	0.3700 KG/L COATING	
PAINT SHOP, FUEL TANK, SPRAY CO=	133.00 LB/D VOC	VOC	0.0670 KG/L COATING	
CLEANUP	63.00 VEH/H	VOC	1.6000 LB/VEH COLLECTION, CAPTURE, RECYCLE NON-VOC CONVEYOR CLEANING	80.00
ASSEMBLY LINE	63.00 VEH/H	VOC	0.0600 LB/VEH	
COATING, HOT WAX	1110.00 LB/D	VOC	0.3900 KG/L COATING	
RUSTPROOFING, UNDER FLOOR	1110.00 LB/D	VOC	0.3700 KG/L COATING	
COATING, ENGINE COMPARTMENT	9.60 LB/D	VOC	0.0670 KG/L COATING	
COATING, TOUCH-UP	8.80 LB/D	VOC	0.5800 KG/L COATING	
STORAGE & LOADING, GASOLINE	63.00 VEH/H	VOC	STAGE 1 & STAGE 2 VAPOR BALANCE SYS.-REQ.	
FUEL COMBUSTION	312.00 MMBTU/H	NOX	USE OF NAT GAS AS ONLY FUEL	

NOTES --------
NOTE#1-LIMIT>NSPS(0.16 KG/L APP SOLIDS) NSPS ASSUMES 100% TRANS. EFF & CREDITS AFTERBURNER. ACT. EMIS 0.04-0.15 KG/L APP SOLID
S. AFTERBURNER & ELECTRODE-POSITION REQ. NOTE#2-LIMIT>NSPS(1.4 KG/L APP SOLIDS) NSPS ASSUMES 95% TRANS EFF,EMIS ACTUALLY=
1.36-1.4 KG/L. NOTE#3-IF LIMIT NOT ACHIEVED MORE STRINGENT OPER STD MUST BE MET. NOTE#4- PLASTIC PARTS COATING EMIS=2.66 KG/L
APP SOLIDS. COATING MUST BE FORMULATED SO SOLVENT SYS IS NOT PHOTOCHEMICALLY REACTIVE PER "SOUTH COAST RULE 66".

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1987

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 4.3

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: AAR BROOKS & PERKINS — CADILLAC, MI

DETERMINATION IS BACT
PERMIT NO. 776-86
DETERMINATION MADE BY: MICHIGAN AQD (AGENCY) — DAVE FERRIER (AGENCY CONTACT PERSON) — (517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/31/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH	10.00 GAL/H	VOC	1.0000 LB/GAL ADHESIVE	BACT
			CARBON ADSORPTION	85.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: GENERAL MOTORS CORP. SAGINAW DIV. — SAGINAW, MI

DETERMINATION IS
PERMIT NO. 498-86
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — DAVID YANOCHKO (AGENCY CONTACT PERSON) — (517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/06/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH, AUTOMATIC & OVEN, *	25.00 GAL/H	VOC	19.1000 LB/GAL APP SOLIDS	SIP
			CARBON ADSORPTION, CALC INCIN	76.50

NOTES --------
CONTROL METHOD CONSTITUTES AN INNOVATIVE APPROACH TO COMPLY W/RACT RULES FOR EXISTING MISCELLANEOUS METAL COATING PROCESSES BY CONTROL OF VOC EMISSIONS FROM THE PAINT SPRAY BOOTH & FLASHOFF AREA USING AN ACTIVATED CARBON CONCENTRATOR FOLLOWED BY CATALYTIC INCINERATION.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: ALCO GRAVURE — CHICAGO, IL

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 84 05 0085
DETERMINATION MADE BY: ILLINOIS EPA (AGENCY) — CHRISTOPHER ROMAINE (AGENCY CONTACT PERSON) — (217)-782-2113 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/01/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, ROTOGRAVURE		OM	88.0000 % REDUCTION	CARBON ADSORPTION CAPTURE SYSTEM	88.00

NOTES --------
POLLUTANT OM = OVERALL MATERIAL BALANCE CONSISTENT WITH NSPS METHODOLOGY.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: DINAGRAPHICS — CINCINNATI, OH

DETERMINATION IS
PERMIT NO. 14-1188
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY); FRANK STOY (AGENCY CONTACT PERSON); (513)-251-8777 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/24/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, ROTOGRAVURE	4000.00 YARD/H	VOC	20.2000 LB/H	CATALYTIC INCINERATOR	BACT 63.00

NOTES --------
CAPTURE 70%, DESTRUCTION 90%.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION GRAVURE PACKAGING, INC. , VA
HENRICO COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 50949
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) WILLIAM PITTS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/30/85
ESTIMATED DATE OF START-UP-- 1985
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, PRINTING, #1	3.00 MMBTU/H				
		VOC	60.0000 LB/H 120.0000 T/YR		
				CARBON ASBORPTION	98.00
PRESS, PRINTING, #2	0.36 MMBTU/H				
		VOC	20.0000 LB/H 30.0000 T/YR		
				CARBON ASBORPTION	98.00
MAINTANCE, CLEAN UP & WASH	5000.00 GAL/YR				
		VOC	17.0000 T/YR		
PRESS, PRINTING, #1 & #2	3.00 MMBTU/H				
		TOL*	63.5100 LB/YR, SEE NOTE 2		
				CARBON ASBORPTION	98.00

NOTES ---------
NOTE 1 - CONSTRUCTION OF A ROTOGRAVURE PRINTING PLANT WITH 2 PRINTING PRESS. NOTE 2 - ISOPROPYL ACETATE OR N.P. ACETATE, METHY LE ETHYL KETONE & OTHER ALCOHOLS/ACETATES W/ANY AMOUNT IN ANY COMBINATION WITH TOLUENE NOT TO EXCEED 60 LB/H TOTAL FOR ALL SOLVENTS. NOTE 3 - COMPLIANCE WITH CONTROL STRATEGY WILL BE DETERMINED ON A WEEKLY MATERIAL BALANCE INVENTORY WITH TOTAL SOLVE NTS USED & RECOVERED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0039

SOURCE TYPE CODE 4.12

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION J.W. FERGUSSON & SONS, INC. RICHMOND, VA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 50224
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) CHARLIE HOLMES (AGENCY CONTACT PERSON) (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/18/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, #1	0.12 T/H				
		VOC	6.8000 LB/H 20.3000 T/YR	CARBON ABSORP. SYSTEM	73.00
PRESS, #2-5					
		VOC	140.9000 LB/H 422.9000 T/YR	CARBON ABSORP. SYSTEM	70.00
PRESS, #1-5					
		NON*	147.7000 LB/H, SEE NOTE#7	CARBON ABSORP. SYSTEM	

NOTES --------
NOTE#1 - PERMIT TO INSTALL A REPLACEMENT ROTOGRAVURE PRESS FOR PRESS #1. NOTE#2 - OVERALL CONTROL EFF. 73%, NEW PRESS #1. NOTE #3 - OVERALL CONTROL EFF. 70%, EXISTING PRESS #2-5. NOTE#4 - VOC REPRESENTS COMBINATION OF TOLUENE, ISOPROPLY ACETATE, HEXANE & METHYLETHYL KETONE. NOTE#5 - 6000 H/YR LIMIT. NOTE#6 - ANNUAL REPORTING REQUIRED. NOTE#7 - THESE VOC EMIS ARE INCLUDED IN THE EMIS OF THE OTHER TWO PROCESSES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION MANVILLE FOREST PRODUCTS CORP. , CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 0030011
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, PRINTING, FLEXOGRAPHIC &*	325.00 FT/MIN				
		VOC	36.8400 LB/D	PPG PRINTING INKS	

NOTES --------
PRINTING PRESS - CONDES MODEL VI65-6. WATER BASED INK WITH MAXIMUM 5% BY WEIGHT VOC CONTENT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: MULTI-COLOR CORP. CINCINNATI, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1177
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) FRANK STOY (AGENCY CONTACT PERSON) (513)-251-8777 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/11/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, ROTOGRAVURE	2000.00 LB/H PAPER	VOC	27.6000 LB/H	CARBON ADSORPTION	BACT 66.50

NOTES --------
CAPTURE 70%, COLLECTION 95%.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE GRAPHIC ARTS

COMPANY NAME/SITE LOCATION R.R. DONNELLEY & SONS CO. RENO, NV

WASHOE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NV 84-01
DETERMINATION MADE BY EPA REGION IX (AGENCY) BOB BAKER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/21/85
ESTIMATED DATE OF START-UP-- 1987
(415)-974-8923 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING FACILITY				
		SO2	51.0000 LB/H, 2 H AVG	
			NAT GAS PRIMARY FUEL/LOW S OIL BACKUP	
		VOC	1365.0000 LB/H, ROTOGRAVURE PRESS	
			194.0000 LB/H, OFFSET PRESS	
			ACTIVATED CARBON ADSORPTION SYSTEM	81.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER NV-0011

SOURCE TYPE CODE 4.12

SOURCE TYPE/SIZE GRAPHIC ARTS 4600.00 FT/MIN

COMPANY NAME/SITE LOCATION STANDARD PUBLISHING CINCINNATI, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1001
DETERMINATION MADE BY SOUTHWEST OHIO APCA (AGENCY) JIM SADELFELD (AGENCY CONTACT PERSON) (513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/04/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, HEAT SET WEB OFFSET	1200.00 FT/MIN	VOC	2.7700 LB/H	CONDENSER FILTER	BACT 90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: THE PRESS OF OHIO, INC. — BRIMFIELD, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 16-471, 16-422
DETERMINATION MADE BY: AKRON RAQMD (AGENCY); L. MALCOLM (AGENCY CONTACT PERSON); (216)-375-2480 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/09/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, OFFSET, HEATSET WEB		VOC	2.5300 T/YR	CATALYTIC INCINERATION	90.00
HARRIS HWOPL		VOC	4.1300 T/YR	CATALYTIC INCINERATION	90.00
TIMSON HWOPL, 2		VOC	4.9200 T/YR	FUME CONDENSATION, EQUIV.	90.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: THE SPECIALTY PAPERS CO. — DAYTON, OH

DETERMINATION IS LAER
PERMIT NO. 08-1132
DETERMINATION MADE BY: OHIO REGIONAL APCA (AGENCY); D. GORBY-LEE (AGENCY CONTACT PERSON); (513)-225-4435 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/01/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING PRESS, FLEXOGRAPHIC		VOC	69.0000 % OVERALL CONTROL EFF.	CARBON ADSORPTION SOLVENT RECOVERY SYSTEM	LAER 69.00

NOTES --------
70% CAPTURE EFF., 98% CONTROL EFF., & 69% OVERALL CONTROL EFF.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

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APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE GRAPHIC ARTS 4000.00 FT/MIN

COMPANY NAME/SITE LOCATION UNITED COLOR PRESS MONROE, OH BUTLER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1053
DETERMINATION MADE BY SOUTHWEST OHIO APCA (AGENCY) DEBORAH ASHWORTH (AGENCY CONTACT PERSON) (513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/03/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, HEAT SET WEB OFFSET, 2 EA	1000.00 FT/MIN	VOC	1.3000 LB/H	CATALYTIC INCINERATOR	BACT 90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0061A

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE GRAPHIC ARTS 19200.00 T/YR INK

COMPANY NAME/SITE LOCATION VIRGINIA GRAVURE, INC. , VA
HENRICO COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 50880
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) TOM CREASY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/20/86
ESTIMATED DATE OF START-UP-- 1987
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, MOTTER, 10 UNIT	19200.00 T/YR				
		VOC	83.0000 LB/H		
			364.0000 T/YR		
				CRAFTSHAW DOUBLE BED SOLVENT CLASSIC SCRUBBER	98.00
		BZ	0.0200 LB/H		
			0.0900 T/YR		
		TOL*	3.6800 LB/H		
			160.6400 T/YR		
		XYL*	2.7000 LB/H		
			11.8000 T/YR		

NOTES --------
INSTALLATION OF A TEN UNIT MOTTER PRESS #744-94 & A CRAFTSHAW "CLASSIC" CARBON BED ABSORBER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

SOURCE TYPE/SIZE GRAPHIC ARTS 295550.00 GAL/YR INK

COMPANY NAME/SITE LOCATION WILLIAMSBURG PACKAGING NEWPORT NEWS, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 60913
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) JIM LEHAN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/04/85
ESTIMATED DATE OF START-UP-- 1985
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, GRAVURE PRINTING, 2	295550.00 GAL/YR				
		VOC	92.4000 LB/H		
			233.6000 T/YR		
				CARBON ABSORPTION	97.00
		ISO*	60.1000 LB/H		
			145.3000 T/YR		
				CARBON ABSORPTION	97.00
		TOL*	27.7000 LB/H		
			67.1000 T/YR		
				CARBON ABSORPTION	97.00
		N-P*	4.6000 LB/H		
			11.2000 T/YR		
				CARBON ABSORPTION	97.00

NOTES --------
NOTE #1-CONSTRUCTION OF 2 GRAVURE PRINTING PRESSES. NOTE #2-CEM WILL BE INSTALLED TO MEASURE & RECORD CONCENTRATION OF VOC. NO TE #3-THE POLLUTANTS ISOPROPYL ACETATE, TOLUENE, & N-PROPYL ACETATE (E-ACETATE) ARE NON-CRITERIA POLLUTANTS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/08/1987

SOURCE TYPE/SIZE: WOOD FURNITURE REFINISHING

COMPANY NAME/SITE LOCATION: HENRY LINK CORP. LEXINGTON, NC DAVIDSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 6047
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY) MIKE SEWELL (AGENCY CONTACT PERSON) (919)-733-3340 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/29/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH, WATER WASH	19200.00 GAL/YR	VOC	113.8000 T/YR	AIRLESS SPRAYING	
SPRAY BOOTH, DRY FILTER	19200.00 GAL/YR	VOC	113.8000 T/YR	AIRLESS SPRAYING	

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: WOOD FURNITURE REFINISHING

COMPANY NAME/SITE LOCATION: STOW & DAVIS FURNITURE CO. KENTWOOD, MI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 499-86
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) DAVE FERRIER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/16/86
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FINISHING, WOOD FURNITURE		VOC	673.5000 T/YR, SEE NOTE		LAER

NOTES --------
VOC LIMIT - COMPLY WITH THE CALIF. SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE #1136 - 673.5 T/YR

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS — 825000.00 BUMPERS/YR

COMPANY NAME/SITE LOCATION: C & F STAMPING CO.,INC. — HOPKINSVILLE, KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-85-97
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) — GEORGE DAY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/29/86
ESTIMATED DATE OF START-UP-- 1986
(502)-564-3382 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INJ. MOLDING, REACTION & SPRAY *	2.93 GAL/H	VOC	6.3500 LB/GAL, EXCLUDING H2O	BACT
COATING, LIME	10.86 GAL/H	VOC	5.4000 LB/GAL, EXCLUDING H2O	BACT
COATING, COLOR BASE	33.50 GAL/H, TOTAL	VOC	5.3000 LB/GAL, EXCLUDING H2O	BACT
COATING, CLEAR	10.20 GAL/H, TOTAL	VOC	5.0000 LB/GAL, EXCLUDING H2O	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: SCIENTIFIC GAMES , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 31248
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY); ELLEN LINDER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/05/85
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, ROTOGRAVURE		VOC	INCINERATOR	96.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: NICKLAND , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30472
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY); STEVE HILL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/01/86
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LOADING, MARINE	10000.00 BBL/D	VOC	SEE NOTE	

NOTES --------
CONTROLS NOT COST EFFECTIVE. CARBON ADSORPTION, REFRDTN, INCINERATION, FLOATING MEDIUM, VAPOR COLLECTION RETROFIT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: PETROLEUM REFINING - TREATING

COMPANY NAME/SITE LOCATION: HAWAIIAN INDEPENDENT REFINERY, INC. , HI

DETERMINATION IS
PERMIT NO. HI 83-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY) BOB BAKER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/09/84
ESTIMATED DATE OF START-UP--
(415)-974-8923 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RECOVERY UNIT, CLAUS SULFUR	14.00 LONG T/D			
		SO2	138.0000 LB/H, 3 H AVG	
			3 STAGE CATALYTIC CLAUS UNIT	95.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: PETROLEUM REFINING - AUXILIARY

COMPANY NAME/SITE LOCATION: CHEVRON USA, INC.
GAVIOTA OIL & GAS FACILITY , CA
SANTA BARBARA COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 5704
DETERMINATION MADE BY: SANTA BARBARA COUNTY APCD (AGENCY) BILL MASTER (AGENCY CONTACT PERSON) (805)-964-8111 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/06/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 6 EA	47.20 MMBTU/H				
		NOX	19.0000	PPMVD AT 3% O2	
				LOW NOX BURNERS/SCR	90.00
				H2O INJECTION	
		SOX	0.3800	LB/H TOTAL	
				FUEL S LIMIT = 4 PPMV H2S	
		PM	4.9400	LB/H TOTAL	
				PIPELINE GAS AS FUEL	
		CO	32.3000	LB/H TOTAL	
				PROPER OPERATION/PIPELINE GAS AS FUEL	
		VOC	2.1400	LB/H TOTAL	
				PROPER OPERATION/PIPELINE NAT GAS AS FUEL	
RECOVERY UNIT, SULFUR, 4 EA	7.50 MMSCF/D				
		NOX	200.0000	PPMVD AT 3% O2	
			3.8000	LB/H EA	
				TAIL GAS INCINERATION	
				PROPER OPERATION/PIPELINE NAT GAS AS FUEL	
		SO2	90.0000	PPMVD AT 3% O2	
			2.3400	LB/H EA	
				TAIL GAS INCINERATION/CAUSTIC SCRUBBER	99.90
				RECYCLE SELECTOR PROCESS	
		PM	0.9200	LB/H EA	
				TAIL GAS INCINERATION, CAUSTIC SCRUB W/MIST EL*	
				PIPELINE QUALITY GAS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		CO	1.5400	LB/H EA TAIL GAS INCINERATOR PROPER OPERATION/PIPELINE GAS	
		VOC	0.9100	LB/H EA TAIL GAS INCINERATION PROPER OPERATION/PIPELINE GAS	
LOADING, TRUCK					
		VOC		SUBMERGED LOADING W/CLOSED VAPOR BALANCE SYS	100.00
STORAGE TANK					
		VOC		HARDPIPED,CLOSED VAPOR RECOVERY SYS	100.00
HEATER, HOT OIL FIRED, 4 EA	2.36 MMBTU/H				
		NOX	0.3500	LB/H EA LOW NOX BURNERS LOW EXCESS AIR OPERATION	
		SO2	2.5000	EE-3 LB/H EA PIPELINE GAS/4PPMV H2S MAX	
		PM	0.0200	LB/H EA PIPELINE GAS AS FUEL	
		CO	0.1400	LB/H EA PIPELINE GAS AS FUEL/PROPER OPERATION	
		VOC	0.0100	LB/H EA PIPELINE GAS AS FUEL/PROPER OPERATION	
FLARE					
		NOX	0.0500	LB/H EMIS EQUIV OF THERMAL OXIDIZER PROPER OPERATION & MANAGEMENT	
		SO2	0.0200	LB/H GAS FIRED PILOT PILOTS FUELED W/4 PPMV H2S MAX	
		PM	0.0200	LB/H STEAM INJ./GAS FIRED PILOTS	
		CO	0.0200	LB/H PROPER MANAGEMENT & MONIT./GAS FIRED PILOTS	
		VOC	0.1300	LB/H PROPER MANAGEMENT & MONIT./GAS FIRED PILOTS	
FUGITIVE					
		VOC	15.7000	LB/H PRESSURE RELIEF DEVICES/TANDUM SEALS/CLOSED PU* I & M FOR ALL ONSHORE FACILITIES	70.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

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(CONTINUED) CHEVRON USA, INC.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TRUCK USAGE, VACUUM		SO2	CAUSTIC SCRUBBER	80.00
DEPRESSURIZING VESSELS		VOC	VAPOR CONTROL SYS PURGE W/PIPELINE GAS	100.00
		SO2	CAUSTIC SCRUBBER	80.00
CONSTRUCTION EQUIP., ONSHORE		NOX	PROPER OPERATION, SELECTION, & MAINTENANCE	
		SO2	PROPER OPERATION, SELECTION, & MAINTENANCE	
		PM	PROPER OPERATION, SELECTION, & MAINTENANCE	
		CO	PROPER OPERATION, SELECTION, & MAINTENANCE	
		VOC	PROPER OPERATION, SELECTION, & MAINTENANCE	

INITIAL REVIEW POST STARTUP

REVIEW STATUS: 04/15/1987

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 5.5

ID NUMBER CA-0174

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: PETROLEUM REFINING - AUXILIARY — 50.40 MMBTU/H

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION INC.
WEST COAST DIVISION , CA
KERN COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4013121 & 122
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY); TOM PAXSON (AGENCY CONTACT PERSON); (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, SCRUBBED STEAM, 2 EA	25.20 MMBTU/H				
		PM	0.0300 LB/MMBTU		BACT
				SO2 ABSORPTION SCRUBBER	70.00
		SO4	0.0280 LB/MMBTU		
				SO2 ABSORPTION SCRUBBER	30.00

NOTES --------
SO2 ABSORPTION SCRUBBER - 1 FLOODED MULTIPLE VALVE TRAY FOLLOWED BY 3 FT OF GLITSER PACKING & VANE TYPE MIST ELIMINATOR W/WASH SPRAYS. OPERATIONAL LEVEL IS 80% OF DESIGN CAPACITY & OPERATES 24 H/D, 7 D/WK, 41.6 WK/YR.

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(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: PETROLEUM REFINING - AUXILIARY

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION, INC. , CA

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. 4013140-4013143
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY); TOM PAXSON (AGENCY CONTACT PERSON); (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/22/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, 4		PM	4.8000 LB/D	LAER

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 5.5

SOURCE TYPE/SIZE: PETROLEUM REFINING - AUXILIARY

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION, INC. , CA KERN COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4013123 - 139
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGEICY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/08/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, GAS FIRED, 6 EA	62.50 MMBTU/H	H2S*	0.3400 LB/H TOTAL	P.U.C REGULATED/QUAL. NAT GAS	
GENERATOR, OIL/GAS FIRED, 11 EA	62.50 MMBTU/H	H2S*	0.0260 LB/MMBTU	SEE NOTE	30.00

NOTES --------
SODIUM BASED SCRUBBER WITH 1 MULTIPLE VENTURI TRAY, 3 FT. OF GLITSCH GRID TRAY PACKING & VANE TYPE MIST ELIMINATOR WITH AUTOMA TIC WASH SPRAYS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: PETROLEUM REFINING - AUXILIARY

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION, INC. , CA
KERN COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 4013603A
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/24/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED	4.00 MW				
		PM	0.6900 LB/H	LIMIT FUEL TO NAT GAS	
		SUL*	0.1000 LB/H	LIMIT FUEL TO NAT GAS W/0.1 GR/MCF SULFUR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: PETROLEUM REFINING - AUXILIARY

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION, INC. , CA
KERN COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 4012428-431,435-440
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, GAS FIRED, 10	62.50 MMBTU/H			
		PM	0.2700 LB/H	
			4.3000 EE-3 LB/MMBTU	
			LIMIT FUEL TO NAT GAS	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: PETROLEUM REFINING - ENTIRE OPERATION

COMPANY NAME/SITE LOCATION: BEACON OIL — HANFORD, CA — KINGS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. SJ 78-70
DETERMINATION MADE BY: EPA REGION IX (AGENCY); MATT HABER (AGENCY CONTACT PERSON); (415)-974-8209 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/26/84
ESTIMATED DATE OF START-UP-- 1980

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTION, FUEL GAS	11.10 MMSCFD	SO2	30.0000 PPM H2S 0.0190 GR/DSCF	STRETFORD PROCESS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

COMPANY NAME/SITE LOCATION: ELK HILL NAVAL PETROLEUM , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 409177
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY); TOM PAXSON (AGENCY CONTACT PERSON); (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/26/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRAIN TANK	2100.00 GAL, SEE NO*	VOC	0.2200 LB/D	UNCONTROLLED	BACT

NOTES --------
11.5 GAL/D AVG THROUGHPUT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: PETROLEUM INDUSTRY -- OTHER

COMPANY NAME/SITE LOCATION: PETRO-LEWIS CORP. , CA
KERN COUNTY

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. 4052134A
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY); TOM PAXSON (AGENCY CONTACT PERSON); (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/10/87
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMPRESSION, CONDEN.,& COLL. SYS		VOC	11.9100 LB/H	INCINERATION IN SCRUBBED, OIL FIRED STEAM GEN.	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: ACETIC ACID PLANT

COMPANY NAME/SITE LOCATION: OLD MANSION, INC. — PETERSBURG, VA

DETERMINATION IS
PERMIT NO. 50362
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — CHARLES HOLMES (AGENCY CONTACT PERSON) — (804)-786-6079 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/17/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROASTER	1.00 T/H				
		ACE*	0.9000 LB/H	SEE NOTE #2	
		FOR*	0.2000 LB/H	SEE NOTE #3	
		PM	5.7000 LB/H	EXHAUST GAS RECIRCULATION	25.00
		NOX	0.1000 LB/H		
GRINDER, PEPPER	2.00 T/H				
		PM	0.1000 LB/H	BAGFILTER	96.00

NOTES --------
NOTE#1 - CONSTRUCTION OF A COFFEE, TEA, & SPICE PREPARATION & PACKAGING FACILITY. SOURCE RELOCATING FROM RICHMOND, VA TO PETERSBURG, VA. NOTE#2 - ACETIC ACID - POLLUTANT EVALUATED TO MEET STATE TOXIC REGS. NOTE#3 - FORMALDEHYDE - POLLUTANT EVALUATED TO MEET STATE TOXIC REGS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

ID NUMBER VA-0047

SOURCE TYPE CODE 6.2

2172

SOURCE TYPE/SIZE: ACRYLIC ACID PLANT — 15000.00 MET. T/YR

COMPANY NAME/SITE LOCATION: VIRGINIA CHEMICALS, INC. — PORTSMOUTH, VA

DETERMINATION IS PERMIT NO. 60291
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); CATHY TAYLOR (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/05/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, POLYACRYLIC POWER	CONFIDENTIAL				
		PM	10.3000 LB/H		
			45.4000 T/YR		
				BAGHOUSE	99.90
		VOC	4.9000 LB/H TOTAL		
			21.3000 T/YR TOTAL		
				UNCONTROLLED	
DUMP, STARCH, #25					
		PM	0.0600 LB/H		
			0.0400 T/YR		
				BAGHOUSE	99.90
TANK, ACID, #23 & 24					
		VOC	0.1300 LB/H TOTAL		
			0.6000 T/YR TOTAL		
				UNCONTROLLED	
REACTOR, #1, 2, 3, 4					
		VOC	0.0100 LB/H EA		
			0.0200 T/YR EA		
				UNCONTROLLED	
DRIER TOP, #7, 26, 29, 30					
		PM	0.0400 LB/H EA		
			1.7000 T/YR EA		
				UNCONTROLLED	
		VOC	0.3000 LB/H EA		
			1.3000 LB/H EA		
				UNCONTROLLED	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) VIRGINIA CHEMICALS, INC.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRIER BOTTOM, #8, 9, 10, 11, 27*					
		PM	0.0600 LB/H EA		
			2.7000 T/YR EA		
				UNCONTROLLED	
		VOC	1.1000 LB/H EA		
			4.9000 T/YR EA		
				UNCONTROLLED	
SIFTER/SEPERATOR, #12, 15					
		PM	0.0800 LB/H EA		
			0.4000 T/YR EA		
				BAGHOUSE	99.90
SILO, SURGE, # 16-19					
		PM	0.2000 LB/H EA		
			0.4000 T/YR EA		
				BAGHOUSE	99.90
BLENDER, #20					
		PM	0.7000 LB/H		
			0.7000 T/YR		
				BAGHOUSE	99.90
SILO, PACK-OUT, #21					
		PM	0.4000 LB/H		
			0.5000 T/YR		
				BAGHOUSE	99.90
BAGGING ROOM, #25					
		PM	5.6000 LB/H		
			6.1000 T/YR		
				BAGHOUSE	99.90
REWORK STATION, #31					
		PM	0.0500 LB/H		
			0.0200 T/YR		
				BAGHOUSE	99.90

NOTES --------
PERMIT TO MODIFY THE EXISTING POLYACRYLATE MFG PROCESS BY INCREASING THE CAPACITY FROM 10000 METRIC T/YR TO 15000 METRIC T/YR. VIRGINIA CHEMICALS WILL OFFSET 10.89 T/YR OF THE TOTAL ESTIMATED VOC EMISSIONS, 21.3 T/YR, BY VENTING VOC EMISSIONS FROM THE MONOETHYLAMINE TANK VENT, THE AMINE TANK FARM, & THE #4 AMINE VENT GAS SCRUBBER TO A FLARE FOR INCINERATION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE SYNTHETIC FIBERS 968.00 T/YR

COMPANY NAME/SITE LOCATION C.R. HUDGINS PLATING CO., INC. LYNCHBURG, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30443
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) CHARLES HOLMES (AGENCY CONTACT PERSON) (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/05/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, SLUDGE	964.00 T/YR			
		NI	1.6000 EE-6 LB/H SEE NOTE#2 WET SCRUBBER	98.00
		SB	2.0000 EE-6 LB/H SEE NOTE#2 WET SCRUBBER	98.00
		BA	2.4000 EE-7 LB/H SEE NOTE#2 WET SCRUBBER	98.00
		CD	4.4000 EE-4 LB/H SEE NOTE#2 WET SCRUBBER	98.00
		CR	5.2000 EE-5 LB/H SEE NOTE#2 WET SCRUBBER	98.00

NOTES --------
NOTE#1 - CONSTRUCTION OF SLUDGE DRYER. NOTE#2 - NON-EXEMPT NON-CRITERIA POLLUTANTS. PERMIT REQUIRED BECAUSE SEVERAL COMPONENTS OF THE SLUDGE, NOTABLY CADMIUM, HAVE TLV LEVELS OF LESS THAN 1 MG/CUBIC METER & AS SUCH HAVE NO MINIMUM EXEMPTION LEVEL FOR PERMITTING.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: SYNTHETIC FIBERS

COMPANY NAME/SITE LOCATION: DUPONT, SPRUANCE PLANT, RICHMOND, VA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 50397
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); JAMES LEHAN (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/15/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPINNING, SYNTHETIC FIBER	27.10 MMLB/YR				
		VOC	19.3000 LB/T SOLVENT 170.7300 LB/H	SOLVENT RECOVERY SYSTEM	99.00
		DIM*	583.3000 UG/CU METER/DISPERSION MODEL	SOLVENT RECOVERY SYSTEM	

NOTES --------
INCREASED PRODUCTION CAPACITY BY 17% WITHOUT AN EMISSION CHANGE. PREVIOUS EMISSIONS WERE ALREADY MEETING NSPS SUBPART HHH, THIS SOURCE EXEMPT FROM NSPS. SOLVENT RECOVERY SYSTEM EFF. WAS INCREASED. VOLATILE ORGANIC COMPOUNDS ARE ALMOST TOTALLY DIMETHYL ACETAMIDE

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/08/1987

ID NUMBER VA-0045

SOURCE TYPE CODE 6.54

SOURCE TYPE/SIZE: OTHER CHEMICAL — 25000.00 T/YR

COMPANY NAME/SITE LOCATION: W.R. GRACE & CO. — CINCINNATI, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1051
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) — FRANK STOY (AGENCY CONTACT PERSON) — (513)-251-8777 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/23/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, FLASH	1.00 T/H	PM	2.0000 LB/T	FABRIC FILTER, SPRAY CHAMBER	BACT 97.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: FEED/GRAIN MILLS AND ELEVATORS

COMPANY NAME/SITE LOCATION: ARCHER DANIELS MIDLAND CO. — DECATUR, IL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 85 06 0030
DETERMINATION MADE BY: ILLINOIS EPA (AGENCY) — CHRISTOPHER ROMAINE (AGENCY CONTACT PERSON) — (217)-782-2113 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/07/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTION UNIT, FLUIDIZED BED,*	496.00 MMBTU/H				
		SO2	1.2000 LB/MMBTU	CIRCULATING LIMESTONE BED	
		NOX	0.6000 LB/MMBTU	CIRCULATING LIMESTONE BED	90.00
		BE	0.0300 LB PM/MMBTU	BAGHOUSE	
		CO	0.2500 LB/MMBTU	DESIGN	

NOTES ---------
SO2 LIMIT IS A 30 DAY ROLLING AVERAGE. BERYLLIUM IS CONTROLLED BY PM CONTROL REQUIREMENTS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER IL-0033

SOURCE TYPE CODE 7.3

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: FEED/GRAIN MILLS AND ELEVATORS

COMPANY NAME/SITE LOCATION: BABCOCK & WILCOX, LAUHOFF GRAIN — DANVILLE, IL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 85 11 0014
DETERMINATION MADE BY: ILLINOIS EPA (AGENCY) — CHRISTOPHER ROMAINE (AGENCY CONTACT PERSON) — (217)-782-2113 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/18/86
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	309.00 MMBTU/H				
		PM	0.0500 LB/MMBTU	BAGHOUSE	
		SO2	0.8000 LB/MMBTU	LIMESTONE FLUIDIZED BED	90.00
		NOX	0.6000 LB/MMBTU	DESIGN	
		CO	200.0000 PPM	DESIGN	
BOILER, GAS/OIL FIRED	237.00 MMBTU/H				
		PM	0.0200 LB/MMBTU	FUEL	
		SO2	0.3000 LB/MMBTU, OIL	FUEL	
		NOX	0.3000 LB/MMBTU	FUEL/OPERATION	
		CO	200.0000 PPM	FUEL/OPERATION	
TURBINE	223.00 MMBTU/H				
		PM	0.0200 LB/MMBTU	FUEL	
		SO2	0.3000 LB/MMBTU, OIL	FUEL	
		NOX	0.5500 LB/MMBTU	FUEL/OPERATION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER IL-0034

SOURCE TYPE CODE 7.3

(CONTINUED) BABCOCK & WILCOX, LAUHOFF GRAIN

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		CO	200.0000 PPM	FUEL/OPERATION	
MATL HANDLING, LIMESTONE & ASH		PM	0.0300 GR/CF	BAGFILTER	
MATL HANDLING, COAL		PM		ENCLOSURE, WET DUST SUPPRESSION	

NOTES --------
SO2 & NOX LIMITS ARE ON A 24 HOUR AVERAGE BASIS. SO2 EFFIENCY DEPENDS ON SPECIFIC COAL SUPPLY.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

05/29/1987

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION: ANDERSON CLAYTON FOODS — JACKSONVILLE, IL

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 84 03 0035
DETERMINATION MADE BY: ILLINOIS EPA (AGENCY) — CHRISTOPHER ROMAINE (AGENCY CONTACT PERSON) — (217)-782-2113 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/11/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	110.00 MMBTU/H				
		PM	0.0500 LB/MMBTU	FABRIC FILTER	99.00 BACT
		SO2	1.2000 LB/MMBTU	FLUIDIZED LIMESTONE BED	85.00 BACT
		NOX	0.6000 LB/MMBTU	EQUIPMENT DESIGN	BACT
		CO	SEE NOTES	EQUIPMENT DESIGN	BACT
		BE	SEE PM LIMITS	FABRIC FILTER	

NOTES --------
PM - PROJECT NOT A MAJOR MODIFICATION FOR PM. EMISSIONS CONDITION TO BELOW SIP. PM CONTROLS DO REPRESENT BACT FOR BERYLLIUM EMISSIONS. CO - CO EMISSION LIMIT TO BE REFINED BASED ON TRAIL OPERATION, 400 PPM CEILING FOR CONSTRUCTION PERMIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

286

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION FRITO-LAY , CA

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 3082016
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/17/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FRYER, VEGATABLE OIL, & SALTER	31087.00 LB/H RAW	VOC	3.0700 LB/H	VENTURI SCRUBBER	LAER 96.50

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(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0085A

SOURCE TYPE CODE 7.12

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE PRIMARY ALUMINUM PRODUCTION 0.24 T/H

COMPANY NAME/SITE LOCATION REFRACTORY SYSTEM, INC. SOUTH HILL, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30800
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/24/85
ESTIMATED DATE OF START-UP-- 1985
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRIER, WARM AIR H2O EVAPORATING	0.24 T/H	PM	0.3800 T/YR	MATERIAL BALANCE, SEE NOTE 2	100.00
		VOC	2.4000 T/YR	MATERIAL BALANCE, SEE NOTE 2	100.00
MATL. HANDLING & FINISHING	0.24 T/H	PM	0.3800 T/YR	MATERIAL BALANCE, SEE NOTE 2	100.00
MACHINING	0.06 T/H	PM	0.3800 T/YR	MATERIAL BALANCE, SEE NOTE 2	100.00

NOTES --------
NOTE 1 - TO CONSTRUCT & OPERATE A REFRACTORY FORM MANUFACTURING FACILITY. NOTE 2 - EMISSIONS CONTROLLED BY BAGHOUSE & PROCESS TOTALLY ENCLOSED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

ID NUMBER VA-0031

SOURCE TYPE CODE 8.1

2888

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: GRAY IRON FOUNDARIES — 66407.00 T/YR

COMPANY NAME/SITE LOCATION: NEW RIVER CASTINGS CO. — RADFORD, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 21083
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); H.T. CREASY, JR. (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/25/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PREHEATER, CHARGE	18.00 T/H	PM	2.5000 LB/H 3.7000 T/YR		
		SO2	6.6000 LB/H 10.2000 T/YR		
		NOX	12.2000 LB/H 18.8000 T/YR		
		CO	1.3000 LB/H 1.6000 T/YR		
FURNACE, IRON MELTING, 3 TOTAL	27.00 T/H	PM	0.5000 LB/H 0.5000 T/YR	BAGHOUSE	
		VE	5.0000 % OPACITY		99.00
FURNACE, HOLDING, 3 TOTAL	18.00 T/H	PM	2.2000 LB/H 3.3000 T/YR	BAGHOUSE	
		VE	5.0000 % OPACITY		99.00
MAGNESIUM TREATMENT	18.00 T/H	PM	5.4000 LB/H 8.3000 T/YR	ENCLOSED	
		VE	5.0000 % OPACITY		0.10
ALLOY INOCULATION	18.00 T/H				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0059

SOURCE TYPE CODE 8.11

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
CASTING POURING	18.00 T/YR	PM	4.4000 LB/H 6.7000 T/YR	ENCLOSED	95.00
		VE	5.0000 % OPACITY		
COOLING	18.00 T/H	PM	0.4000 LB/H 0.5000 T/YR	BAGHOUSE	99.70
		VE	5.0000 % OPACITY		
SHAKEOUT	18.00 T/H	PM	0.7000 LB/H 1.0000 T/YR	BAGHOUSE	99.70
		VE	5.0000 % OPACITY		
SAND SYSTEM	18.00 T/H	PM	2.1000 LB/H 3.2000 T/YR	BAGHOUSE	99.70
		VE	5.0000 % OPACITY		
BLASTING/GRID/CLEAN	18.00 T/H	PM	2.6000 LB/H 4.0000 T/YR	BAGHOUSE	99.70
		VE	5.0000 % OPACITY		
CORE MACHINE, 2 TOTAL	18.00 T/H	PM	3.7000 LB/H 5.7000 T/YR	BAGHOUSE	99.00
		VE	5.0000 % OPACITY		
MATL. HANDLING, SCRAP/CHARGE	18.00 T/H	TRI*	13.6000 LB/H 245.0000 LB/D		
		PM		ENCLOSED	

NOTES --------
PERMIT TO CONSTRUCT A REPLACEMENT GREY & DUCTILE IRON FOUNDRY. FORMER MCF FOUNDRY OF LYNCHBURG FOUNDRY CO., 18 T/H & 66407 T/Y
R METAL CHARGE LIMIT, 27 T/H MELTING LIMIT, 500000 GAL/YR #2 FUEL OIL LIMIT. SULFUR CONTENT OF OIL NOT TO EXCEED
0.5% BY WT., TOTAL SO2 EMISSIONS LIMIT TO 28.2 T/YR. TOTAL NOX LIMITED TO 40 T/YR. NAT GAS FUEL, STANDBY PROPANE & #2 OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE ASPHALT BATCHING PLANTS 150000.00 T/YR

COMPANY NAME/SITE LOCATION ADAMS CONSTRUCTION CO. , VA WISE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 11033
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) PAUL PITTS (AGENCY CONTACT PERSON) (804)-786-4867 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/01/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, HOT MIX ASPHALT	150000.00 T/YR				
		PM	34.0000 LB/H 20.4000 T/YR	DUSTEX FABRIC FILTER	99.50
ROADS, HAUL		PM		WET SUPPRESSION / PAVING	

NOTES --------
CONSTRUCTION OF A 175 T/H HOT MIX ASPHALT PLANT WITH A MODEL SRA-8-51 DUSTEX BAGHOUSE TO CONTROL PROCESS EMISSIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

ID NUMBER VA-0035

SOURCE TYPE CODE 9.1

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APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE ASPHALT BATCHING PLANTS 400000.00 T/YR

COMPANY NAME/SITE LOCATION ADAMS CONSTRUCTION CO. , VA

ROCKBRIDGE COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 21084
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) CATHY TAYLOR (AGENCY CONTACT PERSON) (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/23/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, ASPHALT CONCRETE DRUM MIX	500.00 T/H	PM	0.0400 GR/DSCF 90.0000 MG/DSCM	BAGHOUSE	99.00

NOTES --------
PRODUCTION OF ASPHALT CONCRETE IS LIMITED TO 400000 T/YR. 5% OPACITY LIMITATION. IF LIMITATION IS NOT MET, OPACITY LIMIT BECOM ES OPACITY DURING ACCEPTABLE STACK TEST, BUT NEVER GREATER THAN 20%. 20% OPACITY LIMITATION ON STORAGE, HANDLING, TRANSFERRING, & LOADING. FUGITATIVE DUST FROM HAUL ROADS CONTROLLED BY WET SUPPRESSION & PAVING. NUMBER 2 OIL IS APPROVED OIL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0063

SOURCE TYPE CODE 9.1

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: ASPHALT BATCHING PLANTS — 327.00 T/H

COMPANY NAME/SITE LOCATION: APAC - VIRGINIA, INC. , VA — FAIRFAX COUNTY

DETERMINATION IS NSPS
PERMIT NO. 70013
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); CATHY TAYLOR (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/05/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MIXER, ASPHALT DRUM	327.00 T/H	PM	0.0400 GR/DSCF	BAGHOUSE	NSPS 99.40

NOTES --------
NOTE 1 - YEARLY PRODUCTION OF ASPHALT LIMITED TO 350000 TONS. NOTE 2 - PLANT OPERATION LIMITED TO 3744 H/YR. NOTE 3 - LOW SULF UR #6 FUEL OIL & DISTILLATE OIL TO BE BURNED IN THE DRYER DRUM MIXER & ASPHALT HEATER, NOT TO EXCEED 1% SULFUR. NOTE 4 - TSP TESTING REQUIRED.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE ASPHALT BATCHING PLANTS 200.00 T/H

COMPANY NAME/SITE LOCATION LEE HY PAVING CORP. , VA RICHMOND COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. (5)40031
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) KATHERINE MILLER (AGENCY CONTACT PERSON) (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/14/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MIXER, DRUM DRYER	200.00 T/H	PM	0.0400 GR/DSCF 10.3000 LB/H	BAGHOUSE	99.90
		PCB	0.0000 PPM	SEE NOTE #2	
		AS	5.0000 PPM	SEE NOTE #2	
		CR	10.0000 PPM	SEE NOTE #2	
		CD	2.0000 PPM	SEE NOTE #2	
		PB	500.0000 PPM, SEE NOTE #4	SEE NOTE #2	
		HAL*	1000.0000 PPM	SEE NOTE #2	
		S	0.5000 PERCENT	SEE NOTE #2	
		FLA*	100.0000 DEG. F MINIMUM	SEE NOTE #2	

NOTES --------
NOTE 1 - TO CONSTRUCT AN ASPHALT CONCRETE PLANT USING OFF-SPEC. USED OIL IN THE DRUM DRYER-MIXER BURNER. #2 OIL USED IN THE ASPHALT CONCRETE STORAGE HEATER. NOTE 2 - CERTIFICATION AS REQ. BY FED. REG. NOTE 3 - EACH SHIPMENT OF USED OIL SHALL BE ACCOMPANIED BY A CERTIFICATE OF ANALYSIS THAT DEMONSTRATES COMPLIANCE WITH THE SPECS LISTED IN THE PERMIT. NOTE 4 - OFF SPEC.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE ASPHALT BATCHING PLANTS 180.00 T/H

COMPANY NAME/SITE LOCATION MARVIN V. TEMPLETON & SONS, INC. , VA ROCKINGHAM COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 20749
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) CATHY TAYLOR (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/28/87
ESTIMATED DATE OF START-UP-- 1987
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, ASPHALT CONCRETE HOT MIX*	180.00 T/H			
		PM	0.0400 GR/DSCF BAGHOUSE	99.70

NOTES --------
ANNUAL PRODUCTION OF ASPHALT CONCRETE LIMITED TO 100000 TONS. #2 OIL IS APPROVED FUEL. 5% OPACITY LIMIT W/PROVISION TO UP OPACITY LIMIT IF HIGHER OPACITY RECORDED DURING A STACK TEST TO PROVE COMPLIANCE W/TSP STD. DUST EMISSIONS FROM STORAGE, HANDLING, TRANSFERRING, & LOADING LIMITED TO 20% OPACITY. DUST FROM HAUL ROADS CONTROLLED BY WET SUPPRESSION. SOURCE EXEMPTED FROM NSPS REGS BECAUSE OF DATE BUILT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0013A

SOURCE TYPE CODE 9.1

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: ASPHALT BATCHING PLANTS — 280.00 T/H

COMPANY NAME/SITE LOCATION: MELCO GREEN, INC. — NORTON, VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 11051
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); H.T. CREASY, JR. (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/12/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, DRUM MIX ASPHALT	280.00 T/H			
		PM	6.9200 LB/H 1.6600 T/YR	
			HIGH EFF VENTURI SCRUBBER SEE NOTES	99.50

NOTES --------
PERMIT TO INSTALL A DRUM ASPHALT PLANT. PM LIMIT BASED ON 28600 ACFM, 0.04 GR PER CUBIC FOOT OF DRY FLUE GAS AT STANDARD CONDITIONS. NSPS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE ASPHALT BATCHING PLANTS 600000.00 T/YR

COMPANY NAME/SITE LOCATION VIRGINIA PAVING, INC. , VA
LOUDOUN COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 71524
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) ROBERT GARRETT (AGENCY CONTACT PERSON) (804)-786-4867 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/17/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, DRUM MIX	600000.00 T/YR			
		PM	0.0400 GR/DSCF AT STD CONDITIONS BAGHOUSE	99.00

NOTES --------
CONSTRUCT & OPERATE AN ASPHALTIC CONCRETE PLANT. LIMITED TO 2475 H/YR. APPROVED FUELS ARE LOW SULFUR #6 OIL & DISTILLATE FUEL OIL #2. CONCRETE PRODUCTION LIMITED TO 600000 T/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0066

SOURCE TYPE CODE 9.1

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: PORTLAND CEMENT MANUFACTURING

COMPANY NAME/SITE LOCATION: LONE STAR INDUSTRIES , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 723-1
DETERMINATION MADE BY: MONTEREY BAY UNIFIED (AGENCY) FRED THOITS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/29/86
ESTIMATED DATE OF START-UP-- 1986
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, PORTLAND CEMENT	100.00 T/H CLINKER				
PREHEATER, SUSPENSION, SEE NOTE		NOX	250.0000 LB/H	O2 CONTROL ON COMBUST AIR TO PRECALCINER	
		SO2	250.0000 LB/H	ALKALINE SLURRY INJ. SYSTEM	

NOTES --------
SUSPENSION PREHEATER WITH PRECALCINER & ROTARY KILN. P/O NO. P-2113 ISSUED 7-31-86. OPERATION PERMITTED FOR 330 DAYS/YEAR. FOR SO2 CONTROL EQIUP. 40-50% CONTROL EXPECTED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE COAL CLEANING 100000.00 T/YR

COMPANY NAME/SITE LOCATION NORTH AMERICAN TERMINALS CINCINNATI, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1286
DETERMINATION MADE BY SOUTHWEST OHIO APCA (AGENCY) MARK HINES (AGENCY CONTACT PERSON) (513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER	300.00 T/D	PM	0.0020 LB/T	CHEMICAL WET SUPPRESSION	BACT 90.00
		VE	20.0000 % OPACITY	CHEMICAL WET SUPPRESSION	NSPS 90.00

NOTES --------
CONTROL EFFICIENCY IS ESTIMATED.

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(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0093

SOURCE TYPE CODE 9.6

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: GLASS FIBER MANUFACTURING

COMPANY NAME/SITE LOCATION: MANVILLE SALES CORP. 7500 DUTCH ROAD WATERVILLE, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-366
DETERMINATION MADE BY: TOLEDO ENVIRONMENTAL SERVICES (AGENCY) JEFFREY THADDLE (AGENCY CONTACT PERSON) (419)-693-0350 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPINNER, MICROFIBER, 2	CONFIDENTIAL	PM	1.9200 LB/H, INPUT VENTURI SCRUBBER	TECH 85.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0085

SOURCE TYPE CODE 9.8

SOURCE TYPE/SIZE: GLASS MANUFACTURING — 500.00 T/D

COMPANY NAME/SITE LOCATION: AFG INDUSTRIES, INC. — VICTORVILLE, CA — SAN BERNARDINO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SE 86-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY); BOB BAKER (AGENCY CONTACT PERSON); (415)-974-8923 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/08/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE, GLASS	500.00 T/D				
		NOX	150.0000 LB/H, 3 H AVG		
				NH3 INJ.,PROCESS CONTROLS	
		SO2	10.5000 LB/H, 3 H AVG		
				ESP	
				SPRAY CHAMBER	80.00

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: GLASS MANUFACTURING — 78080.00 T/YR

COMPANY NAME/SITE LOCATION: DIAMOND SHAMROCK CHEMICALS CO. — CINCINNATI, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1075
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY); FRANK STOY (AGENCY CONTACT PERSON); (513)-251-6777 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/20/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER & MATL. HANDLING SYS, S*	8.00 T/H				
		PM	0.4800 LB/T	BAGHOUSE	BACT 99.70

NOTES --------
CONTROL EFFICIENCY GREATER THAN 99% & OPERATING SCHEDULE LIMITED TO 1000 H/YR.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: GLASS MANUFACTURING

COMPANY NAME/SITE LOCATION: FORD MOTOR CO., DEARBORN GLASS PLT
3001 MILLER RD — DEARBORN, MI 48120

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 840-85
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — DAVID YANOCHKO (AGENCY CONTACT PERSON) — (517)-373-7023 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/30/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING, LOW EMISSIVITY GLASS	500.00 T/D				
		PM	0.0200 LB/MLB DRY EXHAUST GAS	FABRIC FILTER, SCRUBBER	LAER 99.00
		VE	20.0000 % OPACITY	FABRIC FILTER, SCRUBBER	LAER
		VOC	4.0800 LB/H	INCINERATOR	LAER 98.00
		ACI*	4.5000 LB/H	DRY SCRUBBER, FABRIC FILTER	BACT 90.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

ID NUMBER MI-0046

SOURCE TYPE CODE 9.11

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL — 450000.00 T/YR

COMPANY NAME/SITE LOCATION: CARDINAL STONE CO. , VA — GRAYSON COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 10305
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); JAMES LEHAN (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/05/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, CONE	240.00 T/H				
		PM	6.7000 LB/H		
			7.6000 T/YR		
				WET SUPPRESSION	90.00
CONVEYOR, BELT, 3	450000.00 T/YR	VE	15.0000 % OPACITY		
		VE	10.0000 % OPACITY		
		PM	48.0000 LB/H		
			54.0000 T/YR		
				WET SUPPRESSION	90.00

NOTES --------
450000 T/YR LIMIT. 2250 H/YR LIMIT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0058

SOURCE TYPE CODE 9.17

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION: GRANITE CONSTRUCTION , CA

SACRAMENTO COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 8470
DETERMINATION MADE BY: SACRAMENTO COUNTY APCD (AGENCY) — A. KENNARD (AGENCY CONTACT PERSON) — (916)-336-2107 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/09/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, ROCK CRUSHING	1000.00 T/H				
		PM	10.0000 % OPACITY	SONIC DRY FOG DUST SUPPRESSION SYS	97.00
		PM	15.0000 % OPACITY CRUSHERS ONLY	SONIC DRY FOG DUST SUPPRESSION SYS	97.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0176

SOURCE TYPE CODE 9.17

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL — 1.50 MMT/YR

COMPANY NAME/SITE LOCATION: LUCK STONE CORP. , VA — GOOCHLAND COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 50429
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — TOM CREASY (AGENCY CONTACT PERSON) — (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/15/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHING, PRIMARY	1.50 MMT/YR	PM	21.0000 T/YR	DUST SUPPRESSION, SEE NOTE#2	90.00
CRUSHING, SCREENING	834000.00 T/YR	PM	11.7000 T/YR	DUST SUPPRESSION, SEE NOTE#2	90.00
CRUSHING, TERTIARY	925000.00 T/YR	PM	0.0400 GR/DSCF	BAGHOUSE, ECS 108-C10	90.00
RECRUSHING	300000.00 T/YR	PM	0.0400 GR/DSCF	BAGHOUSE, DCE VOLKS V45-15	90.00
MISC. OPERATIONS	1.50 MMT/YR	PM	150.0000 T/YR	DUST SUPPRESSION, SEE NOTE#2	90.00
DRYER OVERHEAD VENT, 2	11025.00 T/YR	PM	4.3300 T/YR EA	BAGHOUSE	85.00
DRYER BOTTOM VENT, 4	11025.00 T/YR	PM	3.3000 T/YR EA	BAGHOUSE	99.90
		VOC	2.6000 T/YR EA	BAGHOUSE	99.90
SEPARATER, AIR, SCREEN SIFTER, 4	11025.00 T/YR				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) LUCK STONE CORP.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
SILO, SURGE, 4	11025.00 T/YR	PM	0.3000 T/YR EA	BAGHOUSE	99.90
BLENDER, AIR	11025.00 T/YR	PM	0.3000 T/YR EA	BAGHOUSE	99.90
SILO, PACK-OUT	11025.00 T/YR	PM	0.7000 T/YR	BAGHOUSE	99.90
		PM	0.4000 T/YR	BAGHOUSE	99.90

NOTES ---------
NOTE#1-INCREASED PROD. AT PLANT FROM 700000 T/YR TO 1500000 T/YR. NOTE#2-A JOHNSON MARCH DUST SUPPRESSION SYS. W/CHEM. WETTING AGENT AT THE CRUSHERS, SCREENS, & TRANSFER PTS. IN THE PLANT. ORDINARY WATER IS USED ON HAUL ROADS & STORAGE PILES. NOTE#3-CONSTRUCTION OF A POLYACRYLATE BATCH PROCESS, WHICH WILL UTILIZE GLACIAL ACRYLIC ACID & OTHER CHEM. TO FORM A POLYACYLIC POWDER. NOTE#4-THE BAGHOUSE EFFICIENCY OF 99.9% & SCRUBBER EFFICIENCY OF 85%. OVERALL-99.75% EFFICIENCY.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

05/29/1987

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL 1.90 MMT/YR

COMPANY NAME/SITE LOCATION LUCK STONE CORP. GOOCHLAND, VA

DETERMINATION IS B/M FOR A MODIFIED SOURCE.
PERMIT NO. 50431
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) KATHERINE MILLER (AGENCY CONTACT PERSON) (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/05/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CP-1 & CP-2	135.00 T/H				
		PM	0.0220 GR/DCF 0.5800 T/YR	BAGHOUSE	
SCREEN, TRIPLEDECK	150.00 T/H	VE	7.0000 % OPACITY		99.90
		PM	0.0220 GR/DCF 0.0300 T/YR	BAGHOUSE	
PLANT, MAIN		VE	7.0000 % OPACITY		99.90
		VE	15.0000 % OPACITY, CRUSHERS 10.0000 % OPACITY, TRANSFER PTS	WET SUPPRESSION	90.00

NOTES --------
MODIFY PLANT BY INSTALLING A TERTIARY CRUSHER TO INCREASE PRODUCTION FROM 350000 TO 1900000 T/YR AT MAIN PLANT & FROM 310000 T
O 380000 T/YR AT CHIP PLANT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0061

SOURCE TYPE CODE 9.17

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APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION: OLIVER DE SILVA, INC. DIAMOND, CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30724
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) GREG STONE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/02/86
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, ROCK CRUSHING	300.00 T/H	PM	0.0200 GR/DSCF	BAGHOUSE H2O SPRAY	99.70
PLANT, CONCRETE BATCH	300.00 T/H	VE	10.0000 % OPACITY		
		VE	10.0000 % OPACITY	FABRIC FILTER H2O SPRAY	99.00
PLANT, ASPHALT CONCRETE	350.00 T/H	PM	0.0200 GR/DSCF	VENTURI SCRUBBER	99.70

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0169

SOURCE TYPE CODE 9.17

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL 496000.00 T/YR

COMPANY NAME/SITE LOCATION RIM ROCK QUARRIES, INC. LITTLE STONE GAP, VA

WISE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 10867
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) KATHERINE MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/18/85
ESTIMATED DATE OF START-UP-- 1985
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, JAW	496000.00 T/YR	PM	8.3300 T/YR	
			WET SUPPRESSION	90.00
CRUSHER, CONE	105600.00 T/YR	PM	1.7800 T/YR	
			WET SUPPRESSION	90.00
CRUSHER, GYADISC	105600.00 T/YR	PM	1.1800 T/YR	
			FABRIC FILTER	90.00
MATL. HANDLING, SCREENING & CONV	500.00 T/YR	PM	59.5200 T/YR	
			WET SUPPRESSION	90.00
STORAGE, OPEN	500.00 T/YR	PM	9.8200 T/YR	
			WET SUPPRESSION	90.00

NOTES --------
NEW STONE CRUSHING & HANDLING EQUIPMENT ADDED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL — 500.00 T/H

COMPANY NAME/SITE LOCATION: TARMAC - LONESTAR, INC. — RICHMOND, VA

DETERMINATION IS B/N
PERMIT NO. 50943
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); KATHERINE MILLER (AGENCY CONTACT PERSON); (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/30/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, PRIMARY JAW	500.00 T/H	PM	8.4000 LB/H 13.1000 T/YR	SEE NOTE#2	90.00
SCREEN, #2 - T.D.	450.00 T/H	PM	7.2000 LB/H 11.3000 T/YR	SEE NOTE#2	90.00
CRUSHER, PRIMARY CONE	500.00 T/H	PM	4.2000 LB/H 7.0000 T/YR	SEE NOTE#2	90.00
SCREEN, #4 - T.D.	360.00 T/H	PM	5.8000 LB/H 9.0000 T/YR	SEE NOTE#2	90.00
CRUSHER, SECONDARY	180.00 T/H	PM	5.0000 LB/H 7.9000 T/YR	SEE NOTE#2	90.00
PILE FORMATION	500.00 T/H	PM	3.9000 LB/H 6.1000 T/YR	SEE NOTE#2	90.00
LOADING, TRUCK	500.00 T/H				

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0065

SOURCE TYPE CODE 9.17

(CONTINUED) TARMAC - LONESTAR, INC.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	1.8000 LB/H 2.8000 T/YR	SEE NOTE#2	90.00

NOTES --------
NOTE#1 - PERMIT TO INSTALL A PORTABLE CRUSHING PLANT TO OPERATE FOR 1 YEAR & TO INSTALL NEW PRIMARY CRUSHER & SCREEN AT THE EX ISTING SITE. NOTE#2 - EMISSIONS TO BE CONTROLLED BY A JOHNSON-MARCH SYSTEM WET SUPPRESSION SYSTEM.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL 4.90 MMT/YR

COMPANY NAME/SITE LOCATION VULCAN MATERIALS , VA
PRINCE WILLIAM COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 70175
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) CATHY TAYLOR (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/02/87
ESTIMATED DATE OF START-UP-- 1987
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, PRIMARY, GRANITE	2550.00 T/H	PM	8.6000 LB/H 8.2300 T/YR	HIGH PRESSURE WET SUPPRESSION	99.00
CRUSHER, SECONDARY, 2	1660.00 T/H	PM	5.4000 LB/H 6.0100 T/YR	HIGH PRESSURE WET SUPPRESSION	99.00
CRUSHER, TERTIARY, 3	1880.00 T/H	PM	40.0000 LB/H 38.6300 T/YR	HIGH PRESSURE WET SUPPRESSION	99.00
SCREEN TOWERS	8800.00 T/H	PM	16.9000 LB/H 24.3300 T/YR	HIGH PRESSURE WET SUPPRESSION	99.00
CONVEYOR TRANSFER PTS	24000.00 T/H	PM	8.4000 LB/H 12.0300 T/YR	HIGH PRESSURE WET SUPPRESSION	99.00
STORAGE, OPEN	2550.00 T/H	PM	101.0000 LB/H 24.2600 T/YR	HIGH PRESSURE WET SUPPRESSION	99.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0062

SOURCE TYPE CODE 9.17

(CONTINUED) VULCAN MATERIALS

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES --------
ANNUAL PRODUCTION OF CRUSHED STONE LIMITED TO 4.9 MMT. HOURS OF OPERATION LIMITED TO 2880 H/YR. PLANT AREA & HAUL ROADS FUGITIVE DUST CONTROLLED BY WATER TRUCKS. FIFTEEN PERCENT OPACITY LIMITATION ON UNITS. TEN PERCENT OPACITY LIMITATION FOR TRANSFER POINTS & BELT CONVEYORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: OTHER MINERAL PRODUCTS INDUSTRY — 47.60 MMBTU/H

COMPANY NAME/SITE LOCATION: KYANITE MINING CORP. , VA — BUCKINGHAM COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30677
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — TOM CREASY (AGENCY CONTACT PERSON) — (804)-786-4867 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/10/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, KILN	47.60 MMBTU/H				
		PM	30.9100 T/YR	COAL IS 10% ASH BY WEIGHT	95.00
		SO2	228.5700 T/YR	COAL IS 0.9% SULFUR BY WT., SEE NOTE#4	
		VOC	15.5600 T/YR	ENGINEERING DESIGN	
		NOX	119.9500 T/YR	ENGINEERING DESIGN	
		CO	68.8700 T/YR	ENGINEERING DESIGN	
		FLU*	15.1900 T/YR	WET SCRUBBER, SEE NOTE#2	90.00
ROADS, HAUL		PM		WET SCRUBBER, SEE NOTE#3	

NOTES --------
NOTE#1-CONSTRUCTION OF A NEW KILN DRYER, 2 BALL MILLS, & ASSOC. EQUIPMENT. NOTE#2-WET SCRUBBER IS ALSO USED TO HELP CONTROL PM . NOTE#3-CONDITION DOES NOT APPLY DURING SUBFREEZING TEMPERATURES.
NOTE#4-THE SULFUR CONTENT OF THE #6 OIL SHALL NOT EXCEED 2.5%. NOTE#5-FLOURIDE IS A NON-CRITICAL POLLUTANT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

ID NUMBER VA-0040

SOURCE TYPE CODE 9.21

SOURCE TYPE/SIZE: KRAFT PULP MILLS — 1000.00 DRY T PULP/D

COMPANY NAME/SITE LOCATION: CONSOLIDATED PAPERS, INC. KRAFT DIVISION — WISCONSIN RAPIDS, WI

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 86-AJH-001
DETERMINATION MADE BY: WISCONSIN DNR (AGENCY) — ALLEN HUBBARD (AGENCY CONTACT PERSON) — (608)-266-3450 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/14/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
KILN, LIME	300.00 T/D CAO				
		PM	0.0500	GR/DSCF AT 10% O2, GAS	BACT
			0.0670	GR/DSCF AT 10% O2, OIL	
				VENTURI SCRUBBER	
		TRS	8.0000	PPMDV AT 10% O2	BACT
		SO2	40.0000	PPMDV	BACT
			6.9000	LB/H	
		NO2	240.0000	PPMDV	BACT
			29.8000	LB/H	
		CO	220.0000	PPMDV AT 10% O2	BACT
			28.2000	LB/H	
		VE	20.0000	% OPACITY	BACT
BOILER, RECOVERY	1.40 MMLB/D BLS				
		PM	0.0330	GR/DSCF AT 8% O2	BACT
				ESP	
		TRS	5.0000	PPMDV AT 8% O2	BACT
		SO2	150.0000	PPMDV	BACT
			114.6000	LB/H	
		NO2	53.0000	PPMDV	BACT
			27.5000	LB/H	
		CO	1000.0000	PPMDV	BACT
			317.6000	LB/H	
		VE	20.0000	% OPACITY	BACT
TANK, SMELT DISSOLVING	27600.00 LB/H SMELT				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) CONSOLIDATED PAPERS, INC.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	0.1200 LB/T BLS	WET SCRUBBER	BACT
		TRS	0.0168 LB/T BLS		BACT
		SO2	24.0000 PPMDV		BACT
			2.3000 LB/H		BACT
		VE	20.0000 % OPACITY		BACT

NOTES --------
EXISTING KILNS PROD. UP FROM 180 TO 300 T/D CAO. SCRUBBER WILL CONTROL PM/TRS/SO2. PROPER KILN DESIGN & COMBUST. PRACTACES WIL L MIN. CO & NO2 EMIS. BOILER CAP. ON A DRY SOLIDS BASIS. BOILER DESIGN & OPER. FOR HIGH COMBUST. EFF. WILL MIN. TRS,SO2,NO2, & CO. CASCADE EVAP. TO REDUCE SO2. DIRECT CONTACT BLACK LIQUOR OXIDATION W/SUPPLE. MOLECULAR O2 TRIM WILL MIN. TRS. NEW SMELT TANK COUPLED W/NEW REC. BOILER. UNCONTAMINATED, FRESH, WATER IN SCRUB. WILL MIN. TRS. SCRUBBER TO CONTROL SO2/PM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: WOOD PULPING (OTHER THAN KRAFT) — 20.00 T/H

COMPANY NAME/SITE LOCATION: MASONITE CORP. — STEWART, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30476
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); CATHY TAYLOR (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/25/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, "105"	12.50 T/H				
		PM	1.3000 LB/T DRYER INPUT		
			13.1000 LB/H		
				SCRUBBER	80.00
SAW, FINISHING	20.00 T/H				
		PM	0.9000 LB/H		
			3.9000 T/YR		
				BAGHOUSE	99.99
PRESS, BOARD	20.00 T/H				
		FOR*	2.7000 LB/H		
			8.6000 T/YR		

NOTES --------
PARTICULATEBOARD PRODUCTION LIMITED TO 174720 T/YR, NEW DRYER LIMITED TO 109200 T/YR & SAWS LIMITED TO 174720 T/YR TOTAL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

SOURCE TYPE/SIZE: PLYWOOD PLANTS — 25000.00 SQF/H

COMPANY NAME/SITE LOCATION: BRAND S CORP. LEADIND PLYWOOD DIV. — CORVALLIS, OR

DETERMINATION IS
PERMIT NO. 02-2479
DETERMINATION MADE BY: OREGON DEQ (AGENCY) — DONALD NEFF (AGENCY CONTACT PERSON) — (503)-229-6480 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/26/86
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, VENEER, DIRECT WOOD HEAT	7500.00 SQF/H				
		PM	0.7500 LB/MSQF		BACT
				GEOENERGY E-TUBE PRECIPITATOR/IONIZER	87.50

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: OTHER WOOD PRODUCTS

COMPANY NAME/SITE LOCATION: D-SCAN FURNITURE, INC. — SOUTH BOSTON, VA

DETERMINATION IS BACT
PERMIT NO. 30813
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY) — KATHERINE MILLER (AGENCY CONTACT PERSON) — (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/12/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OPERATION, WOODWORKING	45.00 LB/CF				
		PM	13.5800 LB/H		
			59.5200 T/YR		
				BAGHOUSE	99.00
BOILER, WOODWASTE	5.02 MMBTU/H				
		PM	0.3000 LB/MMBTU		
			1.5100 LB/H		
				MULTICYCLONE	75.00
		SO2	2.5500 LB/H		
			11.1700 T/YR		
		VOC	0.4400 LB/H		
			1.9300 T/YR		
		NO2	0.2100 LB/H		
			0.9300 T/YR		
		CO	2.5100 LB/H		
			11.0000 T/YR		
LACQUER LINE EXHAUST	277.50 SQ METER/H				
		VOC	31.9200 LB/H		
			139.8000 T/YR		
VENEER SIZING & GLUEING OPERATI*	277.50 SQ METER/H				
		FOR*	1.3800 LB/H		
			6.0400 T/YR		
SILO, FUEL					
		PM		ZERO EMISSIONS	
				CLOSED LOOPS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					

NOTES --------
APPROVED FUELS FOR BOILER ARE #2 OIL & WOODWASTE. AN OPACITY TEST WILL BE CONDUCTED ON THE BOILER, THE MULTICYCLONE, THE VENEE R/GLUEING EXHAUST & ON THE BAGHOUSE. THE STACK OF THE VENEER/GLUEING OPERATION SHALL BE AT LEAST 37.5 FT HIGH.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER WOOD PRODUCTS — 65760.00 T/YR

COMPANY NAME/SITE LOCATION: LOUISIANA-PACIFIC CORP. — DUNGANNON, VA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 11021
DETERMINATION MADE BY: VIRGINIA APCB (AGENCY); H.T. CREASY, JR. (AGENCY CONTACT PERSON); (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/17/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BURNER, KONUS	31.00 MMBTU/H				
		PM	1.9000 LB/H 4.9000 T/YR	CYCLONE, FABRIC FILTER	94.00
		SO2	0.6000 LB/H 1.5000 T/YR		
		VOC	6.1000 LB/H 16.0000 T/YR		
		NOX	6.5000 LB/H 17.1000 T/YR		
		CO	17.4000 LB/H 45.6000 T/YR		
DRYER, WAFER	40.00 MMBTU/H				
		PM	9.0000 LB/H 39.3000 T/YR	CYCLONE, ELECTRIFIED FILTER BED	97.00
		SO2	0.4000 LB/H 1.1000 T/YR		
		VOC	13.0000 LB/H 54.4000 T/YR		
		NOX	4.5000 LB/H 12.6000 T/YR		
		CO	12.0000 LB/H 33.6000 T/YR		
CONVEYOR, FORMING	9.29 T/H				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) LOUISIANA-PACIFIC CORP.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	0.7000 LB/H 3.0000 T/YR		
TRIMING-GRADING	8.96 T/H			FABRIC FILTER	99.00
		PM	2.2000 LB/H 9.7000 T/YR		
PRESS, 2 VENTS	9.29 T/H			FABRIC FILTER	99.00
		VOC	11.9000 LB/H 47.4000 T/YR	LIMIT INCLUDES FORMALDEHYDE & PHENOL EMISSIONS RESIN USAGE LIMIT	
		FOR*	3.0000 LB/H 12.0000 T/YR	RESIN LIMIT	
		PHE*	2.0000 LB/H 8.0000 T/YR	RESIN LIMIT	

NOTES --------
65760 T/YR WFRBRD LIM,19000 T/YR WOOD/BARK LIM-KONUS BURNER,14000 T/YR WOOD LIM-MCCONNELL WOOD BURNER,WET WAFER FEED=16.42 T/H MAX,WAFER PROD=8.22 T/H MAX,RESIN=8.22 T/H & 1400 T/YR MAX,#2 OIL-KONUS & MCCONNELL BURNERS,PRESS CONTRL ACROSS FILTERS .,FORMALDEHYDE & PHENOL,ADD TO THE VOC EMIS. PERMIT TO UP WFRBRB PROD. TESTING FOR PM,VOC,NON-CRITA POLL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: OTHER WOOD PRODUCTS

COMPANY NAME/SITE LOCATION: THIELE KAOLIN CO. SANDERSVILLE, GA

DETERMINATION IS
PERMIT NO. 3295-150-3889-0
DETERMINATION MADE BY: GEORGIA EPD (AGENCY); WILLIAM MONTGOMERY (AGENCY CONTACT PERSON); (404)-656-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/20/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, SPRAY	30.00 T/H				
		PM	0.0250 GR/DSCF	BAGHOUSE	B/P 99.90
		SO2	0.5000 % MAX S CONTENT BACKUP FUEL OIL		
			2174.0000 H/YR ON FUEL OIL		
			S CONTENT OF FUEL & OPER HRS		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE: OTHER WOOD PRODUCTS

COMPANY NAME/SITE LOCATION: 3M CO. CYNTHIANA, KY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. C-85-83
DETERMINATION MADE BY: KENTUCKY DAPC (AGENCY) JAMES DILLS (AGENCY CONTACT PERSON) (502)-564-3382 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/30/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMPOUNDING AREA, 3					
		VOC	2.9700 LB/H 12.9800 T/YR		BACT
CLEANING TANK, PARTS, 3			NONE		0.00
		VOC	2.3400 LB/H 10.2600 T/YR		BACT
OVEN, LABORATORY DRYING, 3			NONE		0.00
		VOC	1.1300 LB/H 4.9400 T/YR		BACT
HOOD, LABORATORY FUME, 2			NONE		0.00
		VOC	0.3700 LB/H 1.6400 T/YR		BACT
SPRAY BOOTH, PAINT, W/CLEANUP S*			NONE		0.00
		VOC	2.0000 LB/H 8.7400 T/YR		BACT
STORAGE TANK, SOLVENT-ADHESIVE *			NONE		0.00
		VOC	0.4600 LB/H 2.0000 T/YR		BACT
COATER, 2 & OVEN, 2			NONE		0.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		VOC	279.2400 LB/H 1222.9900 T/YR	2 INCINERATORS	BACT 90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE GENERAL MANUFACTURING AND FABRICATION

COMPANY NAME/SITE LOCATION IBM CORP. LEXINGTON, KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-85-137
DETERMINATION MADE BY KENTUCKY DAPC (AGENCY) JAMES DILLS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/26/85
ESTIMATED DATE OF START-UP--
(502)-564-3382 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATER, UNIFORM 3,4,& 5					
		VOC	71.2900 LB/H		
			311.4000 T/YR		BACT
SOLVENT, CLEANUP				FIXED CARBON BED ADSORPTION UNIT	95.00
		VOC	0.2100 LB/H		
			0.9000 T/YR		BACT
SOLVENT RECOVERY/DISTILLATION C*				FIXED CARBON BED ADSORPTION UNIT	95.00
		VOC	19.4400 T/YR, SEE NOTES		
				NONE	BACT 0.00

NOTES --------
VOC EMISSIONS FROM THE ANHYDROUS ISOPROPANOL COLUMN WHICH USES CYCLOHEXANE SOLVENT AS AN ENTRAINER TO DISTILL THE ISOPROPANOL. THE CYCLOHEXANE SOLVENT WILL NOT BE CAPTURED & IT'S EMISSIONS WILL EXIT THROUGH THE DISTILLATION COLUMN'S VENT PIPING & WILL BE FUGITIVE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER KY-0037A

SOURCE TYPE CODE 11.0

APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION FOLSOM PRISON , CA
SACRAMENTO COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 8350-1,8379-80
DETERMINATION MADE BY SACRAMENTO COUNTY APCD (AGENCY) A. KEINARD (AGENCY CONTACT PERSON) (916)-336-2107 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/12/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	48.00 MMBTU/H				
		NOX	40.0000 PPMVD AT 3% O2	FLUE GAS RECIRCULATION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

ID NUMBER CA-0166

SOURCE TYPE CODE 12.0

SOURCE TYPE/SIZE INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION RUSSELL COUNTY PUBLIC SCHOOLS , VA
CLEVELAND COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 10311
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) RENALDO JENKINS (AGENCY CONTACT PERSON) (804)-786-4067 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/03/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	250.00 LB/H				
		PM	0.4000 LB/MMBTU		
			1.3200 LB/H		
				OVERFIRE AIR	30.00
		VOC	3.2600 LB/H		
			1.1700 T/YR		
		NO2	1.4300 LB/H		
			0.5100 T/YR		
		CO	1.6500 LB/H		
			0.6000 T/YR		

NOTES ---------
TO INSTALL A COAL FIRED REPLACEMENT BOILER. RATED INPUT CAPACITY = 3300000 BTU/H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/15/1987

SOURCE TYPE/SIZE INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION UNIVERSITY OF VIRGINIA CHARLOTTESVILLE, VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. (3)40200
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) TOM CREASY (AGENCY CONTACT PERSON) (804)-786-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/22/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, #1	5500.00 T/YR				
		PM	0.4500 LB/MMBTU		
			22.5600 LB/H		
				MULTIPLE CYCLONE	80.00
		SO2	1.6400 LB/MMBTU		
			82.1200 LB/H		
		VOC	0.1300 LB/H		
			0.1900 T/YR		
		NOX	0.6000 LB/MMBTU		
			30.0000 LB/H		
		CO	0.1900 LB/MMBTU		
			9.4000 LB/H		
BOILER, COAL FIRED, #3	8678.00 T/YR				
		PM	0.4500 LB/MMBTU		
			40.5600 LB/H		
				MULTIPLE CYCLONES	80.00
		SO2	1.6400 LB/MMBTU		
			147.6400 LB/H		
		VOC	0.2400 LB/H		
			0.3000 T/YR		
		NOX	0.6000 LB/MMBTU		
			53.9400 LB/H		
		CO	0.1900 LB/MMBTU		
			16.9000 LB/H		
BOILER, #6 OIL FIRED, #4	103760.00 GAL/YR				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

(CONTINUED) UNIVERSITY OF VIRGINIA

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	0.1500 LB/MMBTU		
			17.2500 LB/H		
		SO2	2.0900 LB/MMBTU		
			23.5500 LB/H		
		VOC	0.5700 LB/H		
			0.0900 T/YR		
		NOX	0.4500 LB/MMBTU		
			50.2500 LB/H		
		CO	0.0400 LB/MMBTU		
			4.5000 LB/H		
BOILER, COAL FIRED, #5	4596.00 T/YR				
		PM	5.0000 EE-3 LB/MMBTU		
			5.6300 LB/H		
				BAGHOUSE	99.40
		SO2	1.6400 LB/MMBTU		
			184.7700 LB/H		
		VOC	0.3000 LB/H		
			0.1600 T/YR		
		NOX	0.6000 LB/MMBTU		
			67.5100 LB/H		
		CO	0.1900 LB/MMBTU		
			21.1500 LB/H		
BOILER, COAL FIRED, #2R	9741.00 T/YR				
		PM	0.0500 LB/MMBTU		
			4.7500 LB/H		
				BAGHOUSE	99.40
		SO2	1.6400 LB/MMBTU		
			155.9400 LB/H		
		VOC	0.2500 LB/H		
			0.3500 T/YR		
		NOX	0.6000 LB/MMBTU		
			57.0000 LB/H		
		CO	0.1900 LB/MMBTU		
			18.2500 LB/H		

NOTES --------
ANNUAL FUEL USAGE LIMITS FOR PHASE 1, STAGE 1 & PHASE 2, STAGE 2. EMISSIONS ALLOWED DIFFER FOR PHASE 1, STAGE 1 & PHASE 1, STAGE 2. 70.MMCU FT NAT. GAS ALLOWED FOR UNITS 2R,3,4,5. 1.2% SULFUR & 6% ASH COAL. 2% SULFUR OIL. OPERATION LIMITED TO 3 COAL BOILERS AT ANY ONE TIME. TESTING REQUIRED FOR TOTAL SUSPENDED PARTICULATES, SULFUR DIOXIDE, & NITROGEN OXIDES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/15/1987

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APPENDIX -- DETAILED SOURCE LISTING

05/29/1987

SOURCE TYPE/SIZE INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION VA DEPT. OF HIGHWAYS & TRANSPORTATION LYNCHBURG, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30641
DETERMINATION MADE BY VIRGINIA APCB (AGENCY) KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/28/86
ESTIMATED DATE OF START-UP-- 1987
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CLEAVER BROOKS	4.20 MMBTU/H			
		PM	0.3400 LB/H	
			0.1900 T/YR	
		SO2	7.9100 LB/H	
			4.5400 T/YR	
		VOC	1.8500 LB/H	
			1.0600 T/YR	
		CD	0.0100 LB/H	
			2.0000 EE-3 T/YR	
			BLENDED VIRGIN OIL	100.00
		CR	0.0100 LB/H	
			2.0000 EE-3 T/YR	
		BR	1.0000 EE-3 LB/H	
			0.0300 T/YR	
		AS	3.0000 EE-3 LB/H	
			2.0000 EE-3 T/YR	

NOTES --------
OIL BURNED, INCLUDING USED, NOT TO EXCEED 32000 GAL/YR. SOURCE PERMITTED TO USE BLENDED USED OIL DUE TO OFF SPECIFICATION OF C D, 6.2 PPM. A CERTIFICATION OF ANALYSIS OF THE OIL IS REQUIRED FOR EACH SHIPMENT. APPROVED FUELS ARE #5 OIL & USED OIL. A 30/70 RATIO OF USED OIL TO TOTAL OIL IS REQUIRED IN HOLDING TANK. RECORD OF USED OIL BURNED IS REQUIRED. TESTS ARE TO BE PER FORMED ON THE CONTENTS OF THE HOLDING TANK BEFORE INITIAL BURN & AFTER EACH 4000 GAL INPUT TO TANK.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX H

DETAILED SOURCE LISTINGS FOR REVISED DETERMINATIONS

APPENDIX -- REVISED DETERMINATIONS

05/29/1987

SOURCE TYPE/SIZE: ALCOHOL FUEL PRODUCTION

COMPANY NAME/SITE LOCATION: MIDWEST SOLVENTS — PEKIN, IL

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 82 10 0034
DETERMINATION MADE BY: ILLINOIS EPA (AGENCY) — CHRIS ROMAINE (AGENCY CONTACT PERSON) — (217)-782-2113 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/17/83
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUIDIZED BED	170.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	FABRIC FILTER	SIP 99.00
		SO2	1.2000 LB/MMBTU 30D AV 85.0000 % REDUCTION	FLUIDIZED LIMESTONE BED	NSPS
		NOX	0.6000 LB/MMBTU	EQUIPMENT DESIGN	NSPS
		CO		SEE NOTE EQUIPMENT DESIGN	TECH
ASH HANDLING		PM	0.0300 GR/DSCF	FABRIC FILTER	SIP 99.00
FUGITIVE EMISSIONS		PM		ROUTINE CONTROL MEASURES	

NOTES --------
NOTE - ALSO STATE ID NUMBER 179 060 AAD. PM - PROJECT NOT A MAJOR MODIFICATION FOR PM. EMISSION CONDITIONED TO BELOW SIP. CO - CO EMISSION LIMIT TO BE SET BASED UPON RESULTS OF TRIAL OPERATION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1987